DOCUMENT RESUME

ED 205 393 SE 035 453

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TITLE The Stock of Science and Engineering Master's Degree-Holders in the United States. Special Report.
INSTITUTION National Science Foundation, Washington, D.C. Div. of Science Resources Studies.
REPORT NO NSF-81-302
PUB DATE Dec 80
NOTE 97p.: Not available in paper copy due to marginal legibility.

EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS College Science: *Employment Statistics: Engineering Education: *Engineers: Females: Government Publications: Higher Education: Males: *Masters Degrees: *Professional Occupations: Science Careers: Science Education: *Scientists

ABSTRACT

Statistical information dealing with the employment of scientists and engineers with master's degrees is provided within this report. Findings are summarized of a research effort aimed at developing estimates of the size of the population with master's degrees in science and engineering fields by sex and field for the period 1960-1978. Also included within the report is a description of the methods and data used to develop these estimates. (CS)

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# the stock of science and engineering master's degree-holders in the united states

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# foreword

An important objective of the National Science Foundation (NSF) is to develop timely information to illuminate issues and trends that are (or may become) the object of policy decisions. In recent years employment of scientists and engineers with master's degrees has been growing at rates that exceed employment of those with bachelor's degrees as well as those with doctorates. The growing importance of master's degree-holders in the labor market for scientists and engineers has increased the need for detailed information about their supply and utilization. This report represents an initial attempt to provide such information. It summarizes the findings of a research effort aimed at developing estimates of the size of the population with master's degrees in science and engineering (S/E) fields by sex and field for the period 1960-78. This population is an important component on the supply side of the labor market for scientists and engineers.

The research approach used to develop these estimates uses a variant of the cohort survival techniques used to track the processes of population change. Because these population estimates are newly developed, a major part of this report is devoted to describing the methods and data used in developing them.

Charles E. Falk, Director
Division of Science Resources Studies
Directorate for Scientific, Technological,
and International Affairs

December 1980

# acknowledgments

This study was planned and executed by Neil S. Dumas of the Scientific and Technical Personnel Studies Section (STPSS), Division of Science Resources Studies (SRS), National Science Foundation.

Supervision, review, and guidance were provided by Alan Fechter, Head, STPSS, and Charles E. Falk, Director, SRS.

Further acknowledgment is made of the contributions of Joel Barries, Study Director, Utilization Studies Group, SRS, for originally conceiving this project, and Leo Eiden of the National Center for Education Statistics for assistance in locating earned-degrees-conferred data, as well as Robert Armstrong (National Center for Health Statistics), Vito Logrillo (Director, Health Statistics, New York State Department of Health), and John Brockert (Director, Utah Bureau of Health Statistics) for assistance in locating mortality data.

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# highlights

- The estimated 1978 U.S. population with science and/or engineering (S/E) master's degrees is about 690,000 — roughly quadruple the 1960 estimate and roughly one-fourth of the total 1978 S/E population. Of this 1978 population, slightly more than two-thirds had science degrees, a share that has remained essentially unchanged since 1960.
- The dominant determinant of population change was the production of new degrees, which ranged on average from 10 percent of the master's population per year for "other physical sciences" to 17 percent per year for computer sciences and psychology. In contrast, the average rate of attrition (from death, aging beyond 70, and movement to another degree category) ranged from a mere 2 percent in computer sciences and chemistry to 8 percent in agricultural sciences.
- During the 1955-70 period, demographic factors explained over one-third of the growth in master's degree production in all fields. These factors explained almost two-thirds of the 1970-78 growth in master's degree production. Nondemographic factors reflect increased continuation rates from high school to undergraduate college degrees and from undergraduate college degrees to master's degrees.
- The female share of the S/E master's population has risen from about 16 percent in 1960 to 21 percent in 1978. This increase resulted almost entirely from an increase in the number of women with master's degrees in science as opposed to engineering. In 1978, women comprised about 29 percent of the science population but less than 3 percent of the engineering population.
- The number of females with master's degrees in science has increased by more than fivefold between 1960 and 1978 (compared to the more than fourfold increase in the total for both sexes combined). In general, these increases were most dramatic in fields that initially had below-average shares. With the exception of social sciences, fields that were above the average initially registered small or no increases.
- The number of master's degrees conferred annually in the United States in all fields grew almost eightfold between 1948 and 1978 — a relative rate of growth of about 7 percent per annum. A slower relative growth in the production of new master's degrees in S/E fields has reduced the share of science degrees from 22 percent in 1948 to 9 percent in 1978 and has reduced the share of engineering degrees from about 9 percent to about 5 percent.
- The growth rates in master's degrees conferred in science fields for women consistently exceed those for men. Although this experience is not unique to science, women seem to be preparing to make significant increases in their participation in the fields of computer, agricultural, and "other" physical sciences where their growth rates were roughly three times those of males.
- Although the growth rate of master's-degree production for women in engineering substantially exceeds that of men (8 percent per year vs. 5 percent), women have not significantly increased their share of the population in engineering fields, which remains at less than 1 percent, because they started from such a low base. Only 5 percent of the engineering degrees granted in 1978 were awarded to women (compared with 34 percent in science fields and 26 percent in all fields). The female share of master's-degree production is lowest in the larger fields of engineering — electrical and mechanical, where only 3.8 percent and 2.8 percent of the degrees granted, respectively, were awarded to women.

## section I.

# introduction

Society has a significant stake in the efficient utilization of holders of science and/or engineering (S/E) master's degrees; i.e., "master's."[1] These degreeholders are a vital part of the Nation's human resources and represent a substantial investment, both personal and societal (through policies that provide subsidies to graduate education). In addition, substantial opportunity costs are borne by both the individual and society in the form of foregone contributions that these postgraduates might have made had they not attended graduate school. It is important to have adequate information on both the supply and the utilization of this significant resource. Consequently, the study summarized in this report had as its goal the estimation of the size and characteristics (i.e., sex, educational specialty, etc.) of the stock of S/E master's degreeholders for the period 1960-78. As such it contributes to the first dimensions of a data base which can support intensive supply and labor market analysis. It also presents new data on mortality rates, rates of earning advanced degrees adjusted by sex, discipline, and decade, etc., which were calculated especially for this study.

The approach used to develop these estimates employs a variant of the cohort survival techniques used to track the processes of population change. Annual stock estimates are developed by cumulating past annual production of new S/E master's degrees and adjusting for attrition arising from such factors as death and acquisition of further degrees. Since annual production of new S/E master's degrees is an important statistical component in the stock estimates developed, a portion of the methodological section is devoted to its analysis as well as such issues as mortality rates for college-educated persons.

Section II provides an overview of the study results as well as a description of trends and characteristics of the stocks of individuals with S/E master's degrees. This is followed by an analysis of trends in earned master's degrees conferred in S/E fields. An explanation of the methodology can be found in section III. Detailed statistics describing the S/E earned master's degrees conferred (1930-78) as well as the S/E master's degree population (1960-78) can be found in the tables in section IV. Lastly, the appendixes contain all additional data used to develop the S/E master's-degree stock estimates which are the main product of this study.

[1] Hereafter, the term master's will be used to indicate individuals whose highest academic degree is the master's. Unfortunately, there has not been a uniform definition or set of requirements for a master's degree either over time, among schools, or among disciplines.

section II.

# master's degrees: population and new degree production estimates

## population estimates

### science and engineering degrees

The estimated 1978 U.S. population with S/E master's degrees is about 690,000, roughly quadruple the 1960 estimate. Of this 1978 number, slightly more than two-thirds had science degrees, a share that has remained essentially unchanged since 1960 (chart 1).

The female share of the S/E master's population has risen slightly from about 16 percent in 1960 to 21 percent in 1978. This increase resulted almost entirely from the increase in the number of women with master's degrees in science as opposed to engineering. In 1978, women comprised about 28 percent of the science population but less than 2 percent of the engineering population.

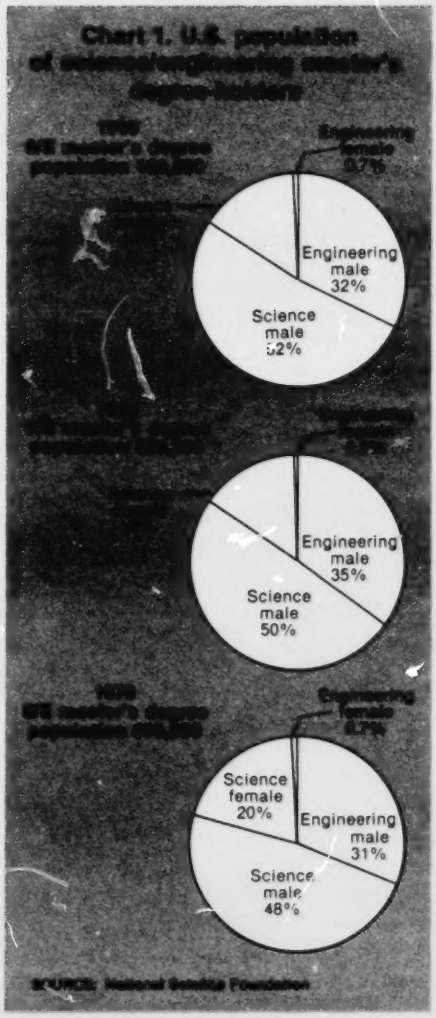



Chart 1. U.S. population of science/engineering master's degree holders

### science degrees by discipline

Chart 2 displays trends in the population with master's degrees in science by field for the 1960-78 period. This chart reveals that there have been no dramatic alterations in these growth rates within most of the fields of science during this period.[2] Notable exceptions include the field of mathematics and statistics, in which the annual growth rate declined to about 4 percent in the seventies (in comparison to the 9-percent average annual growth rate observed for the entire 1960-78 period), and the field of agricultural sciences, in which the average annual growth rate increased from about 1 percent in the sixties to 6.5 percent for the period 1970-78.

The population with master's degrees in psychology grew at average annual rates in excess of 10 percent over the 1960-78 period and increased its share of the science master's population from 11 percent to 18 percent (table 1 and chart 2).

From available data the population with master's degrees in computer science also seems to have grown at a very fast rate. This rapid growth should be treated with caution, however, since it is probably biased upward as a result of various operational definitions. The bias results from an understatement of the true population with master's

[2]Since chart 2 is presented in semilogarithmic scale, the slope of the trend lines represent relative rates of change.

degrees in computer sciences arising from the inability to identify degree recipients prior to 1960. It was not possible to gauge the magnitude of the bias, but it will diminish over time as the proportion of the master's population who received degrees prior to 1960 declines.

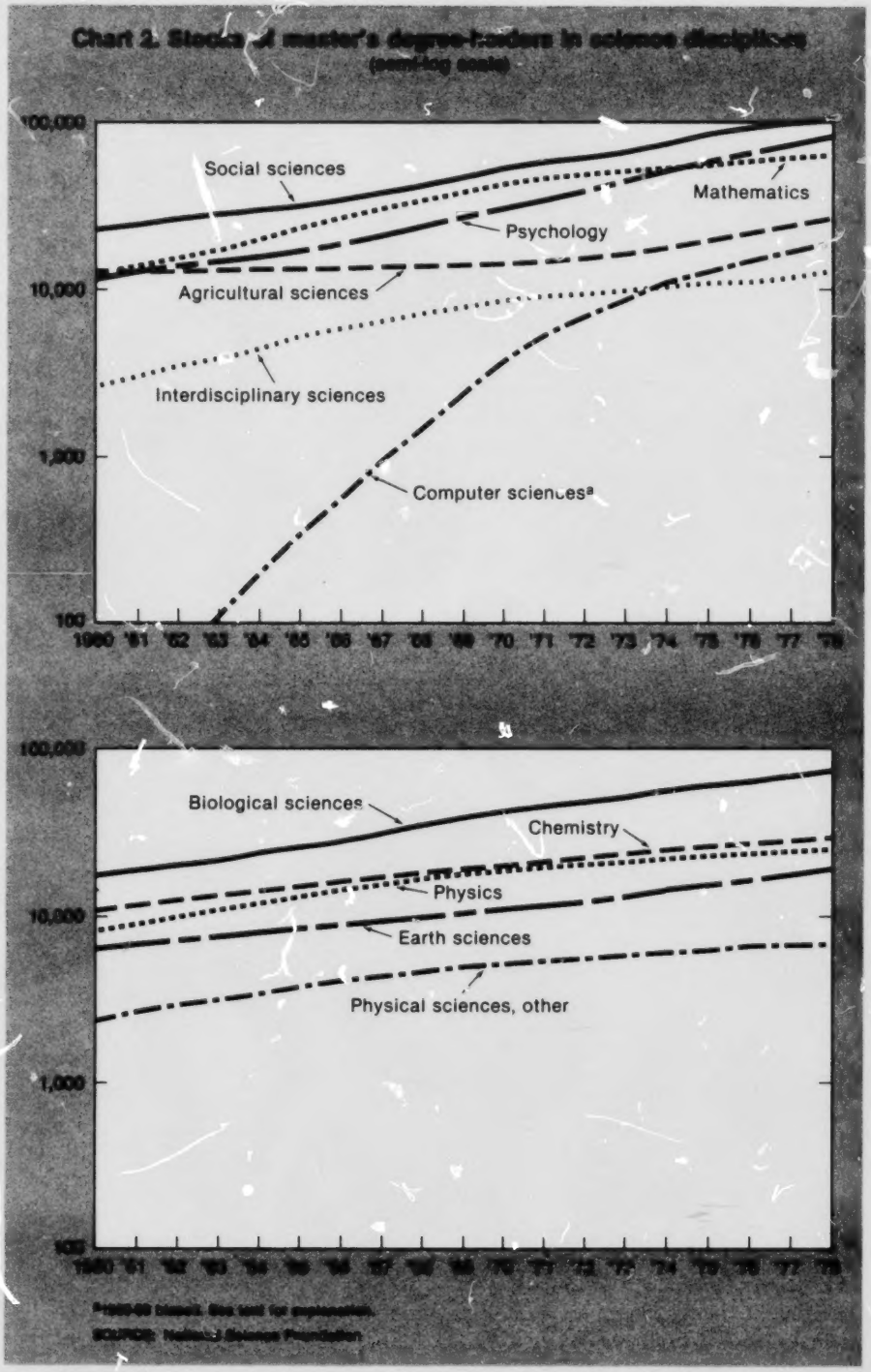
## science degrees by sex

Table 2 summarizes the sex distribution of science master's degree-holders by field for the years 1960 and 1978. The number of females has increased by more than fivefold (compared to the more than fourfold increase in the total for both sexes combined). In general, these increases were most dramatic in fields that initially had below-average shares. With the exception of social sciences, fields that were above the average initially registered small or no increases. The increases are consistent with a more general trend toward increased female participation observed recently among scientists and engineers.[3]

## engineering degrees by discipline

In 1978 the United States had an estimated population with master's degrees in engineering of about 220,000 — an increase of about 155,000 since 1960 (table 3).

The annual rate of increase averaged almost 9 percent during the entire 1960-78 period, but has tapered off to about 5.5 percent since 1970. Differences in growth rates were also observed among individual engineering fields (chart 3). The group of engineering master's holders classified as "other" (i.e., nuclear, biological/biomedical, textile, engineering physics and mechanics, and general) grew at a rate of 12 percent per year and increased their share of the engineering master's population from 9 percent in 1960 to 20 percent in 1978. Chemical engineers, however, who constituted 18 percent of this engineering




population in 1960, grew at a rate of only 5 percent per year between 1961 and 1978, and represented only 11 percent of this population in 1978. Similarly, mechanical engineers grew at below-average rates and the share of the engineering master's population accounted for by this field fell from 25 percent in 1960 to 20 percent in 1978. Electrical and mining engineers with master's degrees grew at about average rates and maintained their shares at about 26 percent and 2 percent, respectively.

## engineering degrees by sex

It is striking that so few women are holders of engineering master's degrees

[3]National Science Foundation, *Science and Engineering Personnel: A National Overview* (NSF 80-316) (Washington, D.C.: Supt. of Documents, U. S. Government Printing Office, 1980).

**Table 1. Distribution of science master's degree-holders by field of degree**

| Field | 1960 | | 1978 | |
|---|---|---|---|---|
| | Number | Percent | Number | Percent |
| Total, all science fields | 114,000 | 101 | 471,000 | 100 |
| Social sciences | 24,000 | 21 | 102,000 | 22 |
| Psychology | 13,000 | 11 | 86,000 | 18 |
| Biological sciences | 18,000 | 16 | 76,000 | 16 |
| Mathematics and statistics | 13,000 | 11 | 63,000 | 13 |
| Chemical sciences | 12,000 | 11 | 30,000 | 6 |
| Agricultural sciences | 14,000 | 12 | 27,000 | 6 |
| Physics | 8,000 | 7 | 26,000 | 6 |
| Computer and information sciences | — | — | 20,000 | 4 |
| Earth sciences | 7,000 | 6 | 19,000 | 4 |
| Interdisciplinary sciences | 3,000 | 3 | 13,000 | 3 |
| Physical sciences, other | 2,000 | 2 | 7,000 | 2 |

Note: Detail may not add to totals because of rounding.

SOURCE: National Science Foundation

**Table 2. Female share of science master's degree-holders**

[Percent]

| Field | 1960 women | 1978 women |
|---|---|---|
| Total, science master's stock | 17 | 28 |
| Psychology | 48 | 48 |
| Biological sciences | 33 | 35 |
| Mathematics and statistics | 26 | 31 |
| Chemistry | 23 | 25 |
| Social sciences | 21 | 26 |
| Interdisciplinary sciences | 17 | 19 |
| Physical sciences (other) | 15 | 17 |
| Computer and information sciences | NA | 13 |
| Earth sciences | 4 | 11 |
| Agricultural sciences | 2 | 10 |
| Physics | 8 | 9 |

Note: NA — not available.

SOURCE: National Science Foundation

**Table 3. Distribution of engineering master's degree-holders by field of degree**

| Field | 1960 | | 1978 | |
|---|---|---|---|---|
| | Number | Percent | Number | Percent |
| Total, all engineering fields | 55,000 | 100 | 220,000 | 100 |
| Electrical/electronics | 14,000 | 26 | 58,000 | 27 |
| Other | 6,000 | 11 | 44,000 | 20 |
| Mechanical engineering | 13,000 | 25 | 44,000 | 20 |
| Civil engineering | 10,000 | 18 | 44,000 | 20 |
| Chemical engineering | 10,000 | 18 | 24,000 | 11 |
| Mining engineering | 1,000 | 2 | 4,000 | 2 |

Note: Detail may not add to totals because of rounding.

SOURCE: National Science Foundation

**Table 4. Female share of engineering master's degree-holders: 1978**

[Percent]

| Field | Women |
|---|---|
| Total | 2 |
| Electrical/electronics | 1 |
| Other | 4 |
| Mechanical | 1 |
| Civil | 2 |
| Chemical | 2 |
| Mining | 1 |

SOURCE: National Science Foundation

(table 4). There is evidence from earned degrees data, however, that women may have begun to increase their share of this field. While females were about 2 percent of engineering master's population in 1978, they were 5 percent of the 1978 engineering master's graduating class (chart 4).

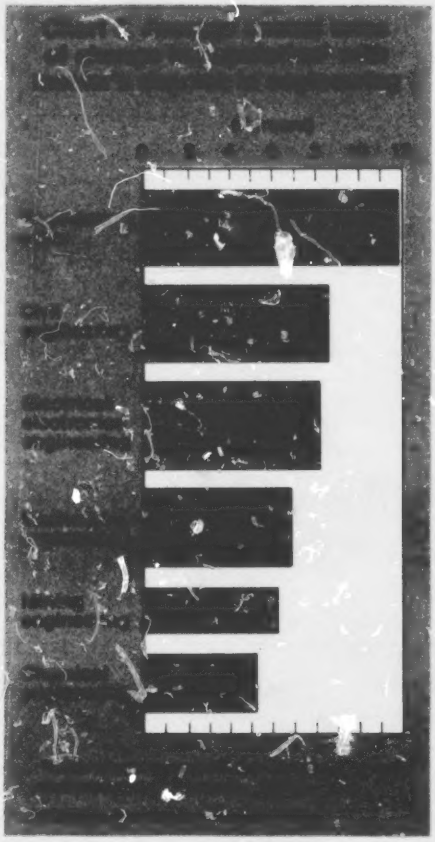
If women continue to increase their share of engineering master's degrees produced, then the next decade could produce some dramatic changes. Regardless of what may happen in the future, however, the stock of engineering master's is likely to remain mainly male for at least the rest of this century.

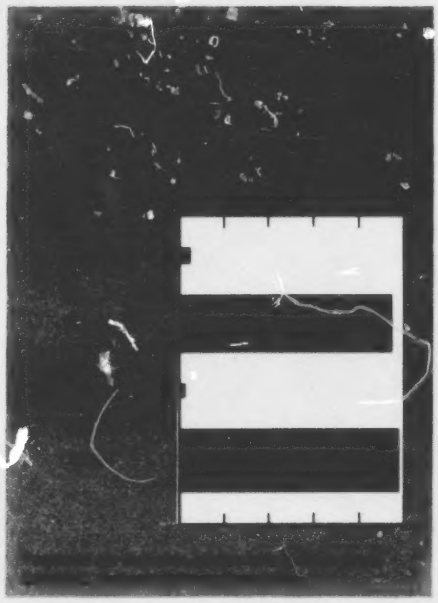
## comparison with alternative estimates

Estimates of a population similar to the one covered in this study have been generated for the midseventies by NSF based on data derived from its Scientific and Technical Personnel Characteristics System (STPCS). Unlike the estimates developed by this study, which cover only the population with master's degrees in S/E fields, those generated from the STPCS cover the population who, by NSF criteria, can be classified as scientists and engineers and who have master's degrees — although these degrees are not necessarily in S/E fields.[4]

Table 5 compares estimates of the population with master's degrees in science and engineering generated by the cohort-survival estimates with estimates of the population of scientists and engineers with master's degrees generated by NSF's system (STPCS estimates) for the years 1976 and 1978. Given the

[4]For a discussion of the criteria used to define scientists and engineers, see National Science Foundation, *U.S. Scientists and Engineers, 1978* (Detailed Statistical Tables) (NSF 80-304) (Washington, D.C. 1980), p. 7.





conceptual difference between the estimates discussed above, it was surprisng to find that the cohort-survival estimates for all S/E fields are no more than 10 percent below the STPCS estimates for all scientists and engineers. The two sets of estimates are in closer accord for the science degrees and differ more for the engineering degrees (where the difference ranges around 20 percent). A plausible explanation for the comparative disparity in results for engineers is that the fraction of engineers with master's degrees in nonscience or nonengineering fields (such as business administration) is larger than the fraction of scientists with such degrees.

**Table 5. Comparison of alternative estimates of master's degree-holders**

| Estimation sources | Science and engineering | | Science | | Engineering | |
|---|---|---|---|---|---|---|
| | 1978 | 1976 | 1978 | 1976 | 1978 | 1976 |
| Scientific and technical personnel characteristics system | 768 | 659 | 493 | 412 | 275 | 247 |
| Cohort-Survival model | 690 | 611 | 471 | 411 | 220 | 200 |
| Cohort-Survival/STPCS | .90 | .93 | .96 | 1.00 | .80 | .81 |

SOURCE: National Science Foundation

## new degree production

Since annual new degree production is the dominant determinant of changes in the master's degree population, some effort has been devoted to a closer examination of it in order to enrich our understanding of the dynamics of this population. Although the population estimates cover the period 1960-78, this examination of new degree trends encompasses the years 1948-78 to provide some flavor of what earlier population trends have been.

## determinants of population change

Table 6 decomposes the changes in the science master's population that occurred between 1960 and 1978 into two components: those resulting from inflows from new degree production, and those resulting from attrition (outflows). The latter component includes deaths, movements beyond the upper bound of the age range of the estimates (70 years), and movements to higher level degrees or to master's degrees in other fields. The dominant determinant of population change was the production of new degrees, which ranged on average from 10 percent of the population per year for other physical sciences to 17 percent per year for computer sciences and psychology. In contrast, the average rate of attrition was consistently lower in each field, ranging from a mere 2 percent in computer sciences and chemistry to 8 percent in agricultural sciences. These variations in rates of outflow among fields are chiefly the result of differences in age composition. Fields with older populations experience greater rates of outflow.

Table 7 decomposes comparable average rates of engineering population changes. The findings are similar to those noted above with respect to science population changes.

## aggregate degree production

The number of master's degrees conferred annually in the United States in all fields grew almost eightfold between 1948 and 1978 from about 42,000 to 318,000, a relative rate of growth of about 7 percent per annum (chart 5). Compared to master's degrees in all fields, the number of master's degrees conferred annually in science and in engineering each grew less rapidly at an average increase of 5 percent per year. After rising rapidly in the sixties, annual

**Table 6. Growth dynamics of science master's degree population**

[Percent]

| Field | Average 1960-78 annual rate of: | | |
|---|---|---|---|
| | Inflow[1] | Outflow | Growth in population[2] |
| Average, all science fields | 14 | 6 | 8 |
| Computer and information sciences (covers period 1977-78 only) | [3]17 | [4]2 | 15 |
| Psychology | 17 | [4]6 | 11 |
| Mathematics and statistics | [3]15 | 5 | 9 |
| Chemistry | 11 | 6 | 9 |
| Interdisciplinary sciences | 12 | 3 | 9 |
| Social sciences | [3]14 | 5 | 8 |
| Biological sciences | [3]15 | 6 | 8 |
| Physics | [3]13 | 6 | 6 |
| Physical sciences (other) | 10 | 4 | 6 |
| Earth sciences | 11 | 5 | 6 |
| Agricultural sciences | [4]11 | [3]8 | 3 |

[1]Inflow Rate = average of Earned Degrees (*t*)/Stock (*t* – ) where *t* (*t* – ) represents a particular year from 1960 through 1978.

[2]Growth Rate = compound annual rate of growth.

[3]This percentage has been falling (at least 5 percentage points) rapidly since 1970.

[4]This percentage has been rising (at least 5 percentage points) rapidly since 1970.

SOURCE: National Science Foundation

**Table 7. Growth dynamics of engineering master's population**

[Percent]

| Field | Average 1960-78 annual rate of: | | |
|---|---|---|---|
| | Inflow[1] | Outflow | Growth in population[2] |
| Average, all engineering fields | 12 | 4 | 8 |
| Other | 16 | 4 | 12 |
| Civil | 12 | 3 | 8 |
| Electrical/electronics | 12 | 3 | 8 |
| Mechanical | 11 | 3 | 7 |
| Mining | 10 | 4 | 6 |
| Chemical | 9 | 4 | 5 |

[1]Inflow Rate = average of earned degrees (*t*)/stock (*t* – 1) where *t* = one year from 1960-1973 inclusive.

[2]Growth Rate = compound annual rate of growth for 18 years of the stock (1978)/stock (1960)

SOURCE: National Science Foundation

new degree production in both science and engineering has been relatively stable.[5] The slower relative growth in the production of new master's degrees in S/E fields has reduced the share of science degrees from 22 percent in 1948 to 9 percent in 1978 and has reduced the share of engineering degrees from about 9 percent to about 5 percent.

[5]New degree production in the field of chemistry experiences an increase between 1977 and 1978, the latest years for which data are available.

## science degree production by field

Chart 6 summarizes growth rates in new science degree production for the period 1948-78. These averages — which indicate that new physical science degrees are growing slowest within science fields — hide a considerable amount of variation in growth rates that occurred within fields during this period (charts 7, 8, and 9).

## science degree production by sex

Chart 10 summarizes sex differences in growth rates of new degree production. Reflecting more pervasive patterns, the growth rates for women consistently exceed those for men indicating that women are increasing their share of new degree production in the science fields. Although this experience is not unique to science, women seem to be preparing to make especially deep inroads into the fields of computer, agricultural, and "other" physical sciences, where their growth rates were roughly three times those of males.[6]

## engineering degree production by field

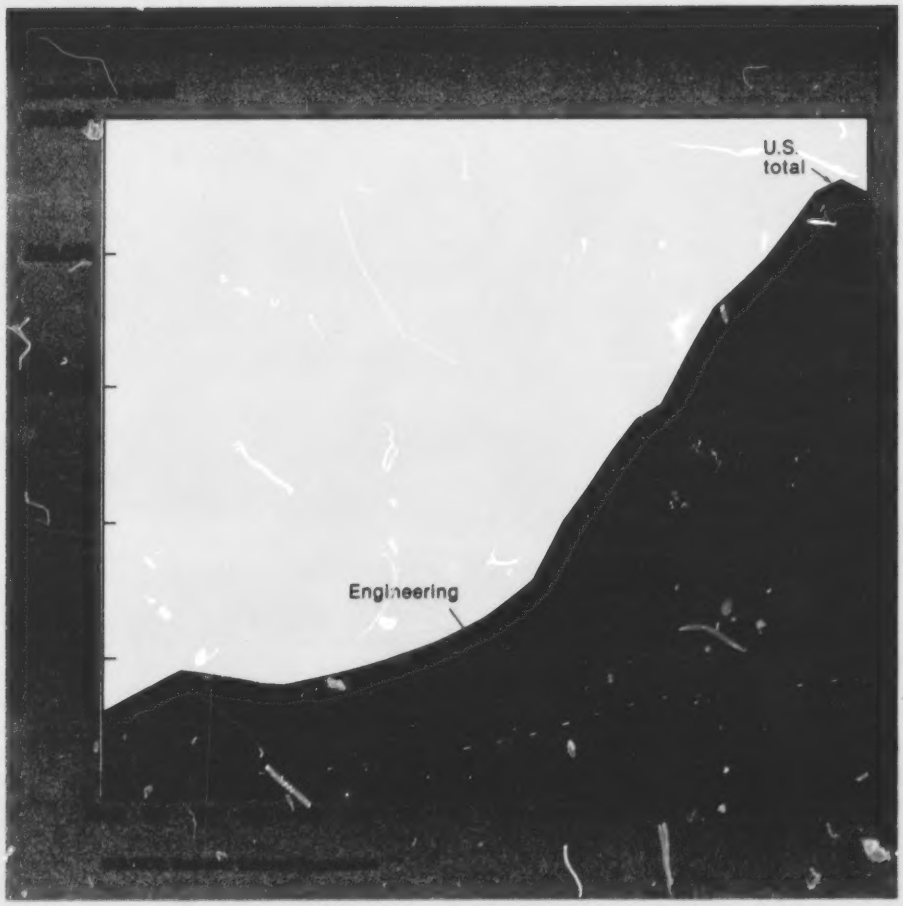
Chart 11 summarizes growth rates in new engineering degree production for the period 1948-78. New engineering degrees grew more rapidly than new nonengineering degrees. Within fields of engineering, growth was less rapid in the fields of mechanical, mining, and chemical engineering. Like production of new science degrees, these 1948-78 averages hide a considerable amount of variation in growth rates within fields of engineering. New degree production generally fell from their 1948 levels until the mid-fifties in each engineering field, after which an upward trend has been established, with peaks generally occurring in the 1968-72 period (chart 12).

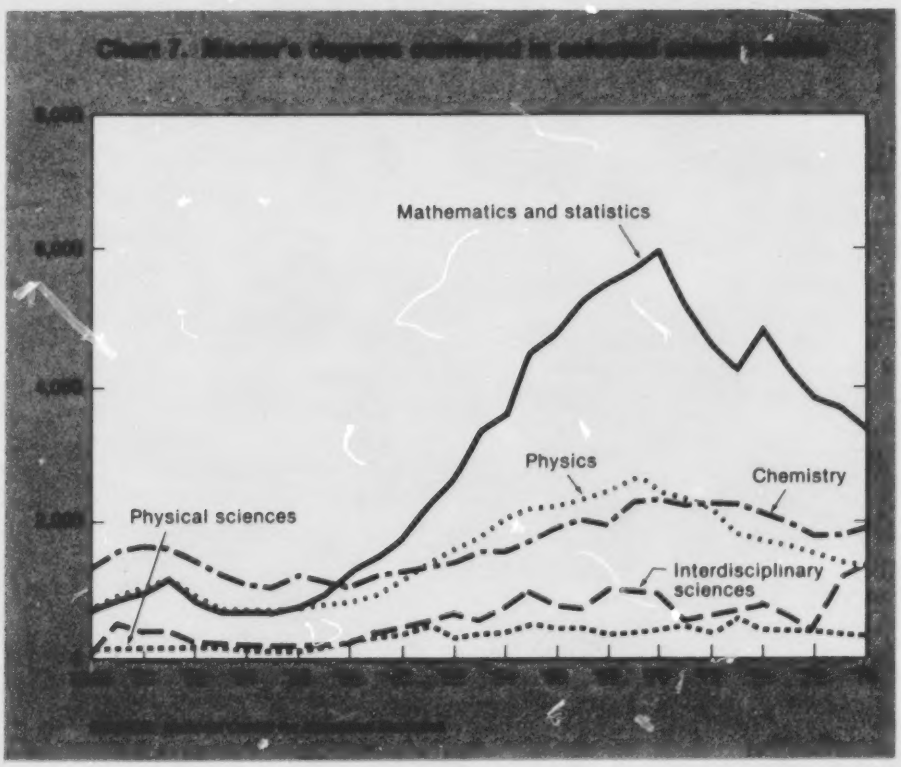
## engineering degree production by sex

Although the average annual rate of growth of new engineering degree production for women substantially exceeds that of men (8 percent per year vs. 5 percent), women have not made dramatic inroads into engineering fields.[7] Only 5 percent of the engineering

[6]Other physical science fields include physical science fields other than physics and chemistry.

[7]The growth rates for women start from a relatively low base in 1948-84 compared to 3,992 for men, or roughly 2 percent of the new master's degrees awarded in engineering fields.



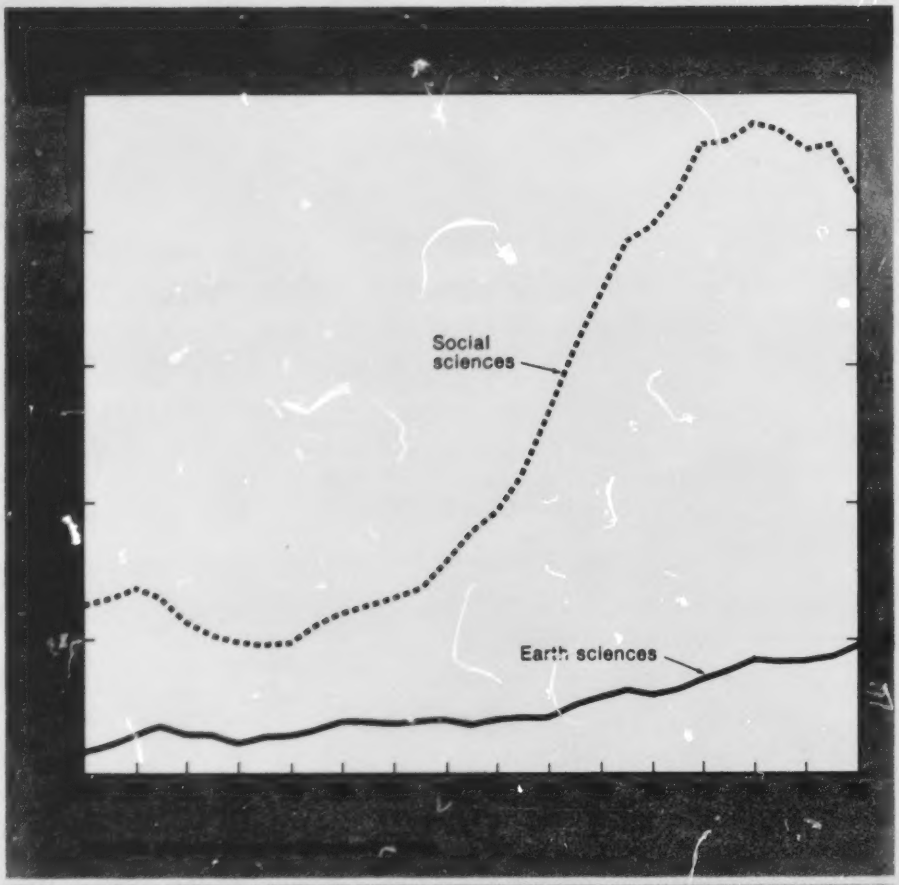


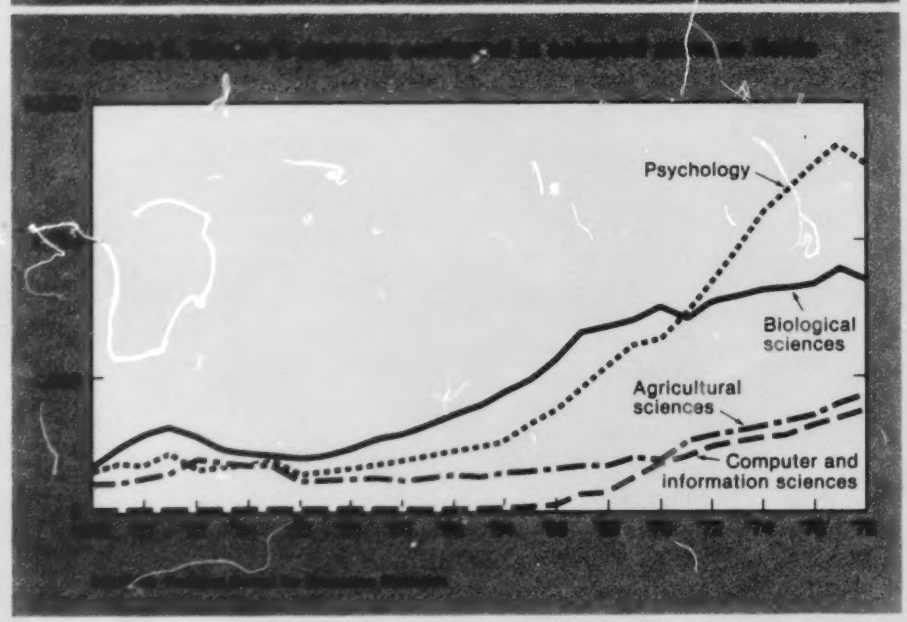

degrees granted in 1978 were awarded to women (compared with 34 percent in science fields and 26 percent in all fields). The rate of female participation is lowest in the larger fields of engineering — electrical and mechanical, where only 3.8 percent and 2.8 percent of the degrees granted, respectively, were awarded to women.

## determinants of degree production trends

### All Fields

Regardless of field of degree, the number of new master's degrees produced




in any given year can be defined as the product of two variables: (1) the population from which these degrees are derived, and (2) the fraction of that population who acquire master's degrees. Accordingly, relative changes in the number of new master's degrees produced will be approximately equal to the sum of relative changes in these two variables.[8] In this section, an attempt is made to estimate the relative importance of demographic changes, and nondemographic changes in determining observed changes in the annual new production of master's degrees.

Changes in new master's-degree production in all fields are summarized in table 8 for two periods selected for analysis along with relative changes in the number of high school graduates lagged six years and the ratio of new degrees to these graduates. During the period 1955-70, demographic factors (reflected in the number of high-school graduates) explained over one-third of this growth.[9] Nondemographic factors reflect in continuation rates from high school to undergraduate college degrees and from undergraduate college degrees to master's degrees. They are affected by economic variables, such as the benefits and costs of further education and training, and noneconomic factors, such as the status, prestige, and type of work activity involved in careers requiring further education and training.

The relative importance of demographic and nondemographic factors in determining the growth of master's degrees changed dramatically in the 1970-78 periods. Growth rates in degree production had slowed considerably from the 1955-70 period, and demographic factors accounted for almost two-thirds of the 50 percent growth that occurred in annual production of new master's degrees during this period.[10] The relative decline in the contribution of nondemographic factors to growth in production of new master's degrees suggests that economic and noneconomic factors provided substantially less incentive to high school graduates to continue their education to complete bachelor's and/or master's degrees in the seventies than they did in the period 1955-70. Table 9 sheds some light on the extent to which this phenomenon is occurring at the college and at graduate school levels.

Trends in the rate of master's degree production that can be attributed to nondemographic factors can be decom-

[8] This approximation assumes either that relative changes in demographic factors are independent of relative changes in nondemographic factors or, if not, that the interaction effects are small enough to be ignored.

[9] The growth in the number of high school graduates can also be analyzed in terms of demographic and nondemographic factors. Using the 18- to 19-year-old population as an indicator of demographic factors, about 30 percent of the growth in high school graduates for this period can be attributed to demographic factors.

[10] The average annual growth rate for the 1955-70 period was 17 percent per year; the comparable growth rate for the 1970-78 period was 6 percent.

posed into trends in continuation rates from high school graduate to bachelor's degrees and from bachelor's degrees to master's degrees, respectively.[11] The data summarized in table 9 reveal that the relatively larger amount of nondemographically determined growth in new degree production from 1955 to 1970 was mainly the result of an increase in the rate of continuation from bachelor's degrees to master's degrees. In contrast, the relatively smaller amount of nondemographically determined growth in new degree production that occurred from 1970 to 1978 was largely the result of an increase in the rate of continuation from high school graduation to bachelor's degrees; i.e., the master's, as a terminal degree, became less attractive.

**Table 8. Growth rate determinants in the production of new master's degrees in all fields**

| Year | Percentage change in: | | |
|---|---|---|---|
| | Master, all field (1) | Demographic factors[1] (2) | Nondemographic factors[2] (3) |
| 1955-70 | + 260 | + 92 | + 16 |
| 1970-78 | + 50 | + 32 | + 18 |

[1]Defined as the percentage change in the number of high school graduates lagged six years.

[2]Approximated by the difference between columns (1) and (2).

SOURCE: National Science Foundation

**Table 9. Analysis of nondemographic factors associated with trends in the production of new master's degrees, selected years**

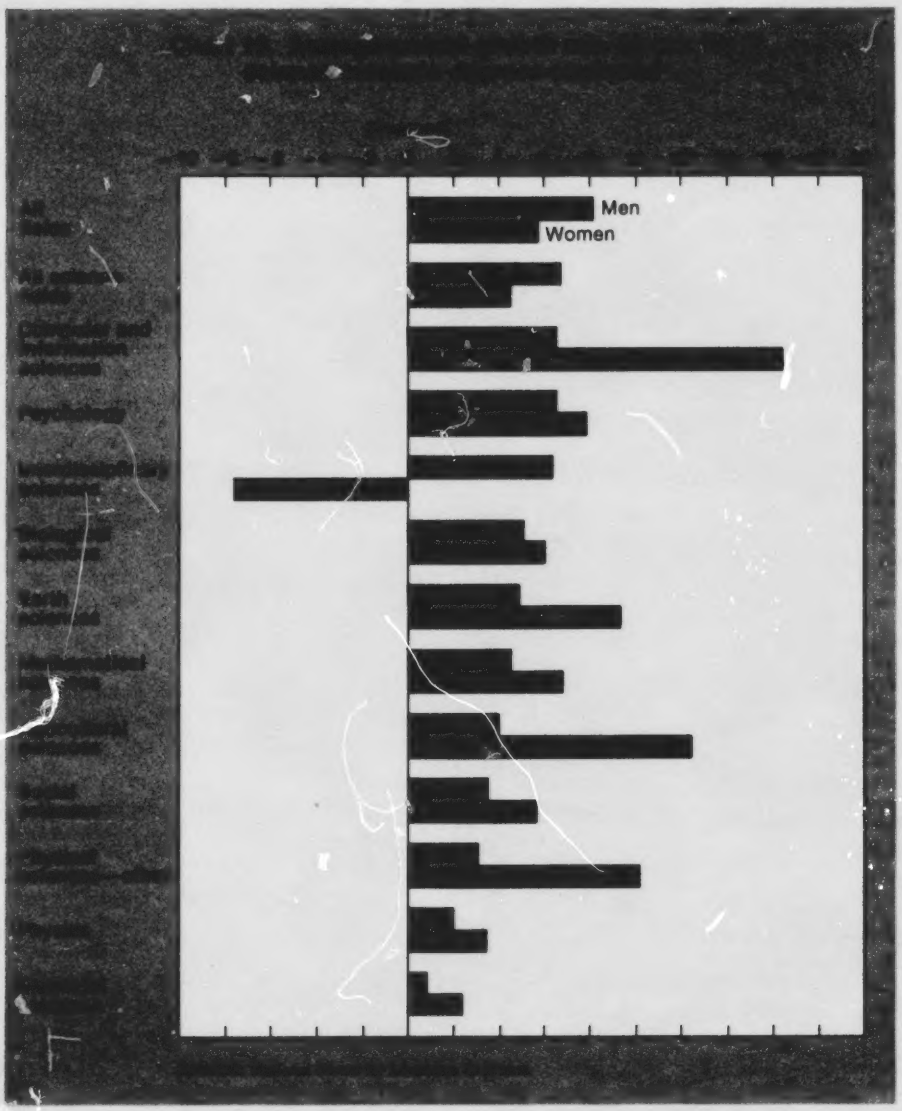
| Year | Continuation rates from: | |
|---|---|---|
| | High school graduation to bachelor's degrees[1] | Bachelor's degrees to master's degrees[2] |
| 1955 | 0.26 | 0.19 |
| 1970 | .28 | .33 |
| 1978 | .31 | .33 |

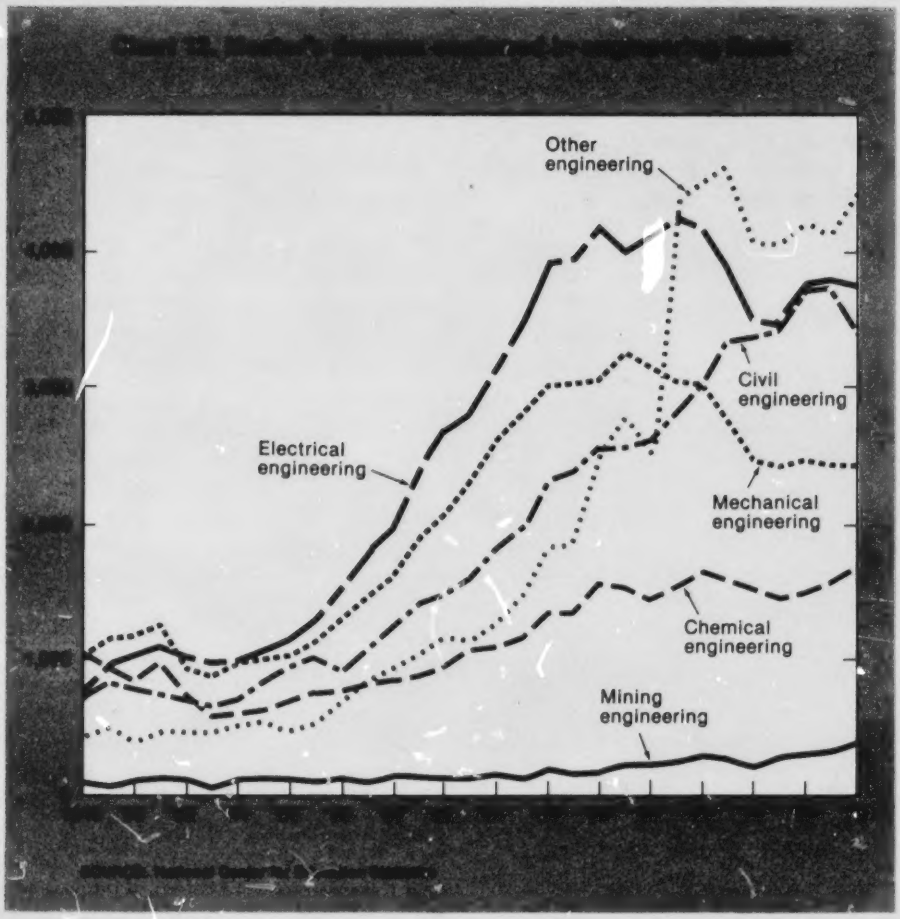
[1]Continuation rate is the number of bachelor's degrees lagged two years per high school graduate lagged six years.

[2]Continuation rate is the number of master's degrees per bachelor's degree lagged two years.

SOURCE: National Science Foundation

[11]Given year $t$ = year of master's degree graduation, annual continuation rates from high school graduation to college graduation are approximated by the ratio of college graduates in year $t$-2 to high school graduates in year $t$-6. Continuation ratios from bachelor's degrees to master's degrees are approximated by the ratio of master's degrees in year $t$ to bachelor's degrees in year $t$-2.






## specific fields

Trends in the production of new science degrees can also be analyzed by decomposing their determinants into two other components: (1) that which results from general factors affecting new degree production in all fields and (2) that which results from specific factors relevant to new degree production in a given field. Given degree production in all fields, factors relevant to explaining trends in new degree production in a given field are reflected in trends in the share of total degrees that are awarded in that field.

**science fields.** Table 10 contains estimates of the share by science field for the years 1965, 1970, and 1978. Between 1955 and 1970 increasing shares were noted in all but four science fields, with decreases principally in the physical sciences.[12] This suggests that career opportunities became relatively more attractive for master's degree-holders in the former fields over this period of time and that these opportunities became relatively less attractive for master's degree-holders in the latter fields. In more recent years (i.e., 1970 to 1978) decreasing shares were observed in about one-half of the science fields.

**engineering fields.** Table 11 summarizes these shares by engineering field for the years 1955, 1970, and 1978. Decreasing shares are found in almost all fields for each of the two time periods, 1955-70 and 1970-78. Notable exceptions to these findings include "other" engineering fields, where an increasing share was noted for the 1955-78 period, and mining engineering where the share remained relatively stable for the 1970-78 period.

**Table 10. Share[1] of master's degree production in science fields**

| Field of science | Share[1] of total master's degrees awarded in: | | |
|---|---|---|---|
| | 1955 | 1970 | 1978 |
| Agricultural sciences | 1.41 | 0.71 | 1.11 |
| Biological sciences | 2.78 | 2.90 | 2.19 |
| Computer and information sciences | NA | .74 | .97 |
| Chemistry | 2.08 | 1.09 | .61 |
| Earth sciences | .99 | .57 | .62 |
| Interdisciplinary sciences | .20 | .45 | .43 |
| Mathematical sciences | 1.31 | 2.86 | 1.08 |
| Physics | 1.31 | 1.16 | .44 |
| Other physical sciences | .12 | .19 | .11 |
| Psychology | 2.46 | 2.46 | 3.30 |
| Social sciences | 3.39 | 3.87 | 2.76 |

[1]Per 100 master's degrees awarded in all fields.

Note: NA — not available.

SOURCES: National Center for Education Statistics and the National Science Foundation

**Table 11. Share[1] of total master's degrees awarded in engineering fields**

| Field of engineering | Shares[1] of total master's degrees in | | |
|---|---|---|---|
| | 1955 | 1970 | 1978 |
| Civil | 1.46 | 1.26 | 1.08 |
| Chemical | 1.09 | .69 | .55 |
| Electrical/electronics | 1.85 | 1.98 | 1.20 |
| Other | .95 | 1.21 | 1.42 |
| Mechanical | 1.73 | 1.50 | .78 |
| Mining | .20 | .09 | .12 |

[1]Per 100 degrees granted in all fields.

SOURCES: National Center for Education Statistics and the National Science Foundation

[12]These 1955-70 changes in shares do not necessarily reflect stable long-run trends. Many fields experienced a change in trends during this period. For example, although the shares for the biological sciences fell during this period, this decline represented the net effect of an increasing trend from 1955 to 1965 followed by a decreasing trend from 1965 to 1970.

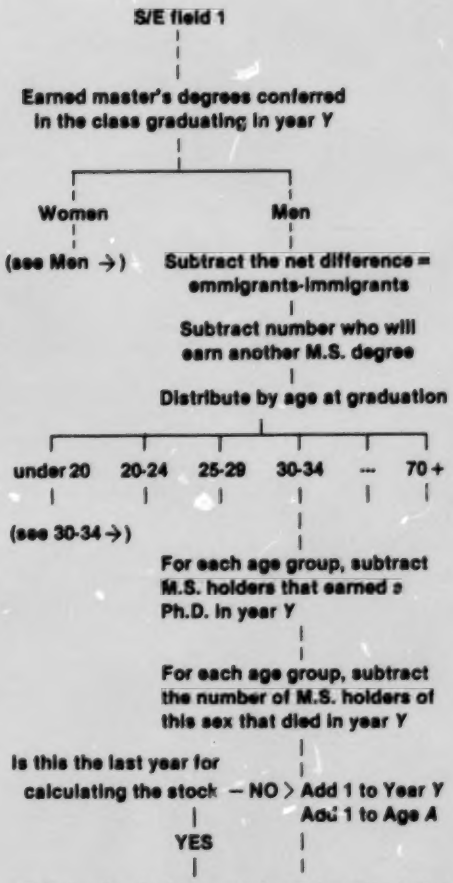
section III.

# methodology

## calculating the stock of s/e master's degree recipients

In its simplest form, the stock of living S/E master's degree recipients remaining in some year *Y* from an earlier set of graduating classes equals the number in year $Y-1$ minus those who: (a) have died; (b) exceed 70 years of age; (c) have earned a higher degree; (d) have earned another degree at the same level (i.e., changed fields); or, (e) the net difference between those who emigrated from, and those who have immigrated to, the United States. Such computations were undertaken for men and women within each academic field and for each graduating class, taking into account the fact that the degree recipients are neither all of the same age nor evenly distributed across some set of age groups.

This recursive model is summarized in the adjacent flowchart.


S/E field 1
Earned master's degrees conferred in the class graduating in year Y
Women
Men
(see Men →)
Subtract the net difference = emmigrants-immigrants
Subtract number who will earn another M.S. degree
Distribute by age at graduation
under 20
20-24
25-29
30-34
---
70+
(see 30-34 →)
For each age group, subtract M.S. holders that earned a Ph.D. in year Y
For each age group, subtract the number of M.S. holders of this sex that died in year Y
Is this the last year for calculating the stock
NO
Add 1 to Year Y
Add 1 to Age A
YES

This number is the remaining living population (stock) of graduates from a single graduating class, of a single sex, in a single specialty. The remaining sex and graduating classes must be included before all the remaining fields are entered into the calculations.

## defining the earned degrees conferred in science and engineering

As shown above, to estimate the number of living persons (i.e., the stock) who hold a master's degree in a particular academic field, it is first necessary to know how many of these earned degrees were conferred. The National Center for Education Statistics (NCES) is currently charged with collecting and reporting these data. It is the successor to a number of other Federal organizations that were similarly charged in the past. A history of the HEGIS (Higher Education General Information System) was developed by Adkins,[13] who has constructed a consistently disaggregated series of academic degree conferral data from the original Federal statistics. These data were aggregated by degree level and sex, however, and not disaggregated by fine fields for the period 1870-1947. It was not until 1920 for doctoral degrees and 1948 for bachelor's and master's degrees that data disaggregated by academic specialty became available. Data for the period 1930-47, therefore, had to be "created" by fitting models to the post-1947 data and adjusting the equations to match the biennial (even years only) aggregated data collected during the earlier period in question.

For the purposes of this investigation, restricted to master's degrees in science and engineering, Adkins' data on earned degrees for the period 1930-47 were used because the original Federal Government data for this period were only collected biennially and were not disaggregated by field.

For the period 1948-78 (the latest year available to NSF), it was determined that the official NCES data would be employed using consultation of that organization[14] to cope with definitional changes that occurred over the years. The major problem since 1948 has been the evolution of new academic specialties which began as part of some existing field and only appeared in the degree

[13] Douglas L. Adkins, *The Greatest American Degree Machine*, pp. 7-19 (Berkeley, Calif.: Carnegie Commission on Higher Education, 1975).

[14] Personal communications with Leo Eiden, National Center for Education Statistics, 1979.

conferral data after some numerical threshold had been exceeded.

For example, prior to the advent of computer science as an identifiable specialty, people who taught in this area did so in university departments like mathematics and engineering. It would be difficult even to specify the basis upon which to determine the field of the last person who majored in computer science before it became an identifiable (by NCES) discipline. NCES must choose the optimum moment to enlarge, contract, or otherwise alter their system of data collection. Clearly, it would be uneconomic to add new specialties to a list of degree fields until they become regularized, recognized, and widespread. The net result is that there is a transition period reflected in the NCES data where, for example, the computer science departments are forced to encode their degrees in some other field until such time as their specialty appears as one of the options. This causes spurious trends and discontinuities to occur in the data in which one can see the growth of some vaguely defined specialties like "physical sciences, n.e.c." rise and fall, and some new field that is instantaneously producing a hundred graduates.

One final subtlety in compiling this data set on master's degree production is the matter of the geographic definition used by the HEGIS system. Unfortunately, the boundaries of the United States have not been permanent over the period analyzed in this study. As a result, NCES and its predecessors have used varying definitions to construct their data tables. Such definitions may include all or some of the following: The continental States, Alaska, Hawaii, District of Columbia, American Samoa, Guam, Puerto Rico, Trust Territory of the Pacific, Virgin Islands, and the Canal Zone. In fact, even as this is being written (October 1979), the sovereignty of the Canal Zone is undergoing a major change and, no doubt, the earned degrees conferred in this location will no longer be counted by NCES after 1979. In this study, the widest possible geographic definition was always chosen where a choice was possible.

Appendix A displays the current NCES taxonomy and Adkins' arrangement as well as the NSF field definitions used in this study.

**Table 12. Estimates of the proportion of science/engineering master's-degree recipients who were not emigrating foreign citizens**

| Field | 1930-59 | 1960-78 |
|---|---|---|
| Mathematics and statistics | 97.3 | 97.0 |
| Computer and information sciences | 96.8 | 96.6 |
| Physical sciences, all | 97.3 | 97.1 |
| Chemical sciences | 98.4 | 97.7 |
| Earth sciences | 96.2 | 96.5 |
| Physics | 97.8 | 97.6 |
| Physical sciences, n.e.c. | 96.6 | 96.7 |
| Engineering, all | 96.5 | 96.5 |
| Chemical/materials engineering | 97.3 | 97.0 |
| Civil and other heavy engineering | 96.2 | 96.3 |
| Electrical/electronic engineering | 96.6 | 96.6 |
| Geological/mining engineering | 96.2 | 96.4 |
| Mechanical/equipment engineering | 96.2 | 96.3 |
| Engineering, n.e.c. | 96.2 | 96.3 |
| Biological sciences | 97.1 | 96.6 |
| Agricultural sciences | 94.8 | 94.2 |
| Social sciences | 97.5 | 96.9 |
| Psychology | 99.0 | 98.9 |
| Interdisciplinary | 99.9 | 99.9 |

SOURCE: Douglas L. Adkins, *The Great American Degree Machine*, table 3-3, pps. 28-29. Berkeley, Calif.: Carnegie Commission on Higher Education, 1975.

# accounting for immigrants and emigrants

Net changes in the population (stock) of master's in the American labor market can also occur because of the inflow and outflow of persons to and from the United States. The difficulties involved in calculating the number of American emigrants appeared to outweigh the insignificant change it was likely to make in any specialty field. Thus, the estimates are only adjusted for foreign citizens who either: (a) earned their degrees in the United States and subsequently left the country, or, (b) earned their degrees outside the United States and became immigrants. The number estimated for this study is the difference between the two, i.e., immigrants minus foreign citizens with degrees from the United States who leave.

Table 12 presents the estimated proportions of degrees produced in each specialty field NOT earned by emigrating, foreign citizens and augmented by a factor to account for permanent immigrants (Adkins). This is one of the data sets which informed opinion tells us has been increasingly important. Since the wave of post-World War II births crested in the late sixties, many graduate schools find themselves with surplus capacity in both physical plant and personnel.[15] One of the methods employed by many institutions to utilize this expensive, idle capacity has been to actively recruit foreign students.[16] Thus, these proportions, which have been fairly stable over the period covered by this study, may begin to decline noticeably in the future.

# accounting for second master's degrees

The operative principle in defining a population or stock of S/E master's is that each person who qualifies be counted only once. Therefore, it becomes important to adjust for individuals who already have an S/E master's degree and who earn a second master's degree in any field whatsoever. Since only S/E fields are being studied, first master's degrees in all other fields are ignored. If such individuals should subsequently earn an S/E degree, they would only be counted once as part of their later (i.e., one) graduating class.

Individuals who initially earn an S/E master's, however, and who subsequently earn a second non-S/E master's degree are deleted from the stock on the basis that this change of field signified an intent not to work in, or be identified with, science and/or engineering. If these same people earn a second

[15] National Research Council/National Academy of Sciences, *Research Excellence Through the Year 2000* (Washington, D.C. 1979).

[16] National Science Foundation. *Employment Attributes of Recent Science and Engineering Graduates* (NSF 80-325) (Washington, D.C.: Supt. of Documents, U.S. Government Printing Office, 1981).

master's degree in a different S/E specialty, however, then they should be deleted only from the S/E field of their earlier degree and counted in the field of the later degree. Since all later new master's degrees (i.e., first, second, and other) are automatically included in the NCES reported figures on earned master's degrees conferred in science and engineering, it only becomes necessary to delete all individuals who earn any second master's degree from their earlier field to produce an accurate count. Table 13 presents the proportions of S/E master's-holders who do not earn a second master's degree.

The data for the period 1930-64 were taken from Adkins[17] who based his figure on an NSF-sponsored study conducted by Sharp in 1963.[18] Sharp surveyed graduates in many specialties from the class of 1958.

For the period 1965-78, previously unpublished data from a recent NSF study[19] were especially analyzed for this investigation. Using data collected in 1978, an estimate was made of the proportion of individuals from the classes of 1972 and 1976 who did NOT earn a second master's degree.[20] These two estimates were compared and were found consistent in all cases. As a result, the estimates for the classes of 1972 and 1976 were pooled and used as the 1965-78 estimates. It was assumed that the latter part of the sixties was better represented by behaviors of the early seventies than by actions of the late fifties.

# age distributions at graduation of s/e master's degree-holders

The primary source of data for estimating the distribution of ages of S/E master's at graduation is the "National Surveys of Recent Science and Engineering Graduates" of the classes of 1972-76, inclusive. Among the information obtained were birthdate, field, graduation date, and sex. Using these data, an age distribution was calculated for each sex, field, and graduating class combination. These distributions were relatively stable within each field over the period 1972-76, inclusive. Consequently, the data were pooled over time within each sex and field combination.

Using this pooled data, an estimate of the age distribution(s) of S/E master's-degree graduates during the seventies was obtained. Since it would be unreasonable arbitrarily to use these distributions for the previous four decades (1930-69), however, an attempt was made to derive a better characterization of the master's-degree graduates' age distribution(s) for the earlier period (i.e., before 1970).

For the purposes of this study, it was decided that if there were no remarkable differences during the seventies between the age distribution at receipt of master's of science Ph.D.-holders and the comparable age distribution of individuals whose highest degree was the science master's degree, then the age distribution(s) of similar Ph.D.-holders who received their master's degrees in the fifties and the sixties could be used to approximate the distribution for all master's-degree recipients for the period 1930-69.[21]

For males, the seventies' Ph.D. age distribution (at the time they earned their science master's) was similar to the actual master's level data for the same period in all fields. Consequently, the seventies' master's data were used for the seventies' decade age distribution and the Ph.D. age distributions were used for the period 1930-69. (See appendix B for the relevant distributions.) Disaggregated doctoral-level data for males with engineering degrees were not available at the time of this study. Consequently, it was decided that the actual seventies field specific, master's-level age distributions would be used for all decades (i.e., 1930 through the seventies).

For females with science as well as engineering degrees, the Ph.D. distributions were found to be consistently dissimilar from the actual seventies' master's data. Consequently, the age distribution for women derived from the

**Table 13. Estimates of the proportion of science/engineering master's-degree recipients who do not earn a second master's degree in any field**

| Field | Males | | Females | |
|---|---|---|---|---|
| | 1930-64 | 1965-77 | 1930-64 | 1965-77 |
| Mathematics and statistics | 98.4 | 92.0 | 97.5 | 94.6 |
| Computer and information sciences | 98.4 | 96.5 | 97.5 | 95.3 |
| Physical sciences, all | 97.0 | 95.2 | 97.5 | 97.4 |
| Chemical sciences | 97.0 | 95.4 | 97.5 | 98.5 |
| Physics | 97.1 | 93.0 | 97.5 | 97.9 |
| Physical sciences, n.e.c. | 96.7 | 96.4 | 97.5 | 99.9 |
| Engineering, all | 96.0 | 93.8 | 97.5 | 97.8 |
| Chemical/materials engineering | 96.0 | 95.5 | 97.5 | 99.9 |
| Civil and other heavy engineering | 96.0 | 94.8 | 97.5 | 97.2 |
| Electrical/electronics engineering | 96.0 | 92.5 | 97.5 | 99.9 |
| Geological/mining engineering | 96.0 | 99.1 | 97.5 | 99.9 |
| Mechanical/equipment engineering | 96.0 | 93.8 | 97.5 | 99.9 |
| Engineering, n.e.c. | 96.0 | 93.2 | 97.5 | 99.9 |
| Biological sciences | 96.0 | 98.1 | 97.5 | 99.6 |
| Agricultural sciences | 99.9 | 99.6 | 97.5 | 99.9 |
| Social sciences | 97.0 | 95.3 | 97.5 | 96.5 |
| Psychology | 94.0 | 99.9 | 97.5 | 98.6 |
| Interdisciplinary | 97.0 | 94.9 | 97.5 | 97.9 |

SOURCE: Douglas L. Adkins, op. cit., (p. 24) and unpublished 1978 New Entrants Survey Data

[17] Adkins, op. cit., p. 24.

[18] Sharp, 1963, table 43, p. 65 and table A-42, p. 258.

[19] National Science Foundation, op. cit.

[20] National Science Foundation, ibid.

[21] The Ph.D. data were secured from the Doctorate Records File maintained for NSF by NAS. The Doctoral Records File is a virtually complete listing of all earned Ph.D.'s since 1956, with some data on the period 1920-56 inclusive.

seventies' master's data was used for all the decades covered by the analysis (i.e., 1930 through the seventies).

## rates of advancement to higher degree levels

Using the Doctorate Records File, an attempt was made to estimate the number of Ph.D.'s granted each year to individuals holding S/E master's degrees.[22] Upon inspection, however, it was determined that the file's data for the period 1930-56 were unusable. To account for this lack of data for the period, a 2-part decision rule was devised. For the period 1957-78, the assumption was made that the Doctorate Records File is, and continues to be, a complete and exhaustive list of people who have earned their Ph.D.'s in the United States during that period. Thus, for each calculation, the exact number of people who, for example, had a master's degree in mathematics and were 33-years-old when they earned their Ph.D. in 1967 can be found and subtracted from the stock of 33-year-old mathematics master's during that same year. The data can be found in appendix C.

For the period 1930-56, estimates of the number of Ph.D.'s granted to holders of S/E master's degrees were calculated via a series of regression equations. A linear model was fit to the log of 1957-78 National Academy of Sciences (NAS) data using time (in years) as the independent variable. These estimated numbers were then subtracted from the total stock calculations in the appropriate years.

[22]The Doctorate Records File is a virtually complete listing (in its later years) of the 500,000 plus individuals who have earned doctoral degrees in the United States since 1920. This file is maintained by NAS under contract to the Federal Government. New data for the file is collected via the National Survey of Doctorate Recepients also conducted by NAS under Federal contract. (See National Science Foundation, *A Guide to NSF Science Resources Data*, Washington, D.C. 1979, pp. 20-29).

## mortality and superannuation

Although master's degrees are earned by people of virtually all ages, sexes, races, etc., a number of simplifying assumptions were required to account for a lack of historical data (e.g., earned degrees data disaggregated by race). Consequently, for the purposes of estimating the effects of mortality and superannuation, the assumption was made that all holders of master's degrees experience mortality rates similar to white males or females.

## mortality

The mortality rates used in this study were calculated for the average white American with a college degree. Use of these rates can be justified for adult mortality among an atypical population (i.e., the college educated). In the first place, differences between white and nonwhite mortality take place principally in childhood and at old age.[23] Secondly, it will be shown that higher levels of education are associated with a substantially lowered rates of mortality, independent of race. Given these findings, it is reasonable to assume that nonwhites who earned S/E master's degrees experience mortality rates nearer to that of the white college graduates than to the nonwhite averages for the total population.

The most comprehensive estimate of mortality rates in the United States are the life tables (Vital Statistics of the United States series) that are routinely prepared by the National Center for Health Statistics (NCHS) which reports death rates for all residents. There is mounting evidence, however, that these rates overestimate deaths among the college educated.

Demographers and actuaries have traditionally assumed that college-educated persons had a lower mortality rate than the less highly educated portion of the population. To test this assertion, Kitagawa and Hauser[24] obtained a national sample of all death certificates for the period May through August 1960 and retrieved the demographic files for these individuals from the 1960 Decennial Census. By relating such factors as educational level to the mortality rates calculated from the death certificates they were able to obtain point estimates of the correlation(s) of these variables with early death.

Kitagawa and Hauser's most relevant finding for this study is summarized in table 14. As can be seen, the assumption of a differential mortality rate related to education level is supported. Clearly, the use of unmodified, national mortality tables would result in a serious underestimate of the stock (living population) of S/E master's degrees in the United States. The major issue, therefore, is not whether to modify the national mortality rates but, instead, to determine the "best" modification.[25]

Thus, a complete revised set of mortality tables, especially produced with the aid of Robert J. Armstrong,[26] was used in this study.

Until mortality rates for holders of S/E master's degrees are directly measured, it will be necessary to modify the NCHS national life tables according to some

[23]Atkins, op. cit., p. 45.

[24]E. Kitagawa and P. Hauser, *Differential Mortality in the U.S.*, p. 12 (Washington, D.C.: Howard University Press, 1973).

[25]G.W. Comstock and J.A. Tonascia, "Education & Mortality in Washington County, Maryland," *Journal of Health and Social Behavior*, vol. 18, March 1978, pps. 54-61) reproduced the Kitagawa and Hauser study on a smaller scale. They found that the mortality rate for people with more than a high school education was only about 32 percent of the rate for the total of Washington County, Maryland in 1963. Additional evidence paralleling this conclusion includes data from the State of Utah for the years 1976-78 inclusive. (Personal communication with John E. Brockert, Director, Utah Bureau of Health Statistics, April 11, 1979). Comparing deaths for that part of the population with four or more years of college to the remainder produced a result which suggested that the mortality rate for this better educated group is only about 38 percent of that of the total population for the group 25 years old and older. In the same vein, the mortality experience of the Teachers Insurance & Annuity Association (personal communication, Michael Heller, October 1979), an organization whose clients are virtually all college educated, is also between 40 percent to 50 percent of the national white male and female population rates. (National Center for Health Statistics, "U.S. Decennial Life Tables for 1969-1971," 1(1), May, 1975).

[26]Personal communications with Robert J. Armstrong, Actuarial Advisor, National Center for Health Statistics, March-April 1979.

**Table 14. Mortality rates of whites as a proportion of the national white population rate**

| Level of school completed | White males | | White females | |
|---|---|---|---|---|
| | 25-64 years | 65 and over | 25-64 years | 65 and over |
| All persons | 1.00 | 1.00 | 1.00 | 1.00 |
| High school, 4 years | .91 | .99 | .87 | .94 |
| College, 3+ years | .70 | .98 | .78 | .70 |

SOURCES: E. Kitagawa and P. Hauser, *Differential Mortality in the U.S.*, p. 12. Washington, D.C.: Howard University Press, 1973

assumption(s). For this study, it was decided to use the result from the single, nationally representative study performed by Kitagawa and Hauser.[37]

Given the criticality of this variable, the basis for this selection was a test of the sensitivity of the study estimates to this assumption. Specifically, stock estimates for male master's in psychology were generated for three alternatives suggested in the literature: (a) national mortality rates as estimated by NCHS: (b) 70 percent of these NCHS national mortality rates, and (c) 40 percent of these NCHS national mortality rates (table 15).

As can be seen, the estimates drawn from the 70-percent transformation of the NCHS mortality rates are always about 5 percent higher than the base estimate and the 40-percent transformation is about 11 percent higher than the base. Such simple additive impact will conveniently allow the interested reader to choose a different mortality rate assumption and modify the results of this stock estimation study accordingly.

**Table 15. The stock of male holders of master's degrees in psychology under three different mortality assumptions**

| Year | NCHS' national | 70 percent NCES' | 40 percent NCES' |
|---|---|---|---|
| 1960 | 6,191 | 6,540 | 6,954 |
| 1961 | 6,551 | 6,939 | 7,398 |
| 1962 | 7,043 | 7,468 | 7,978 |
| 1963 | 7,488 | 7,953 | 8,519 |
| 1964 | 7,963 | 8,475 | 9,097 |
| 1965 | 8,717 | 9,282 | 9,962 |
| 1966 | 9,718 | 10,334 | 11,086 |
| 1967 | 11,140 | 11,812 | 12,638 |
| 1968 | 12,765 | 13,504 | 14,415 |
| 1969 | 14,708 | 15,517 | 16,526 |
| 1970 | 16,138 | 17,036 | 18,149 |
| 1971 | 17,880 | 18,875 | 20,115 |
| 1972 | 19,933 | 21,065 | 22,440 |
| 1973 | 22,332 | 23,553 | 25,086 |
| 1974 | 26,463 | 27,870 | 29,544 |
| 1975 | 30,540 | 32,071 | 33,996 |
| 1976 | 34,623 | 36,348 | 38,507 |
| 1977 | 38,759 | 40,692 | 43,112 |

'National Center for Health Statistics.

SOURCE: National Science Foundation

## superannuation

In the matter of retirement, technological obsolescence, and related issues, there is neither consensus on definitions nor good quantitative data to support analyses. Among the questions that might be addressed are the following: (1) Should retirees be counted as part of the stock), (2) Do the skills acquired as part of the training for the master's degree deteriorate with age? To compensate for both voluntary and involuntary (i.e., death) separation from the stock, as well as obsolescence, an arbitrary decision was made to exclude all S/E master's-holders of age 70 or more.

## sensitivity analysis

The mathematical model used in this study contains a variety of assumptions about the variables used in the calculations. The assumptions can be found in the specific subsections describing each variable. However, the effect of the values produced by these assumptions on the model estimates, with the exception of mortality rates, has not been heretofore discussed. This section deals with the sensitivity tests that were conducted on the remaining assumptions.

[37] In another context, L. E. Hinkle, Jr., "Occupation, Education and Coronary Heart Disease," *Science*, July 19, 1968, 161 (838): 238-46) reports a study of 270,000 men employed by the Bell System Operating Companies. Of interest here is the determination that heart disease and stroke rates are mainly related to education ("college" vs. "non-college") and age as opposed to occupation ("manager," etc.). In short, older citizens are more at risk than younger. However, once all death rates are adjusted so that groups of the same age are compared, then the college educated systematically have lower mortality rates independent of what they do for a living and despite there being no known biological basis for this result. Similar findings can also be found in a report by the Metropolitan Life Insurance Company, "Socioeconomic Mortality Differentials," *Statistical Bulletin*, vol. 56, January 1975, pp. 3-5, which compares data from selected companies in the United States with data from England and Wales. Lastly, C.C. Seltzer and S. Jablon, "Army Rank and Subsequent Mortality by Cause: 23 Year Follow-up," *American Journal of Epidemiology*, 105(6), June 1978, pp. 559-66) calculated parallel results in a 23-year followup of 85,000 white males who had served in the Army, i.e., age-adjusted death rates are inversely related to education.

Sensitivity tests were conducted with the following variables using the psychology master's series data: (1) Age distributions of master's graduates; (2) rates at which master's degree-holders earn second master's degrees; and, (3) rates at which the rate of emigration from the stock exceeds immigration. To determine the sensitivity of the model to errors in its magnitude, each of these variables was artificially altered as follows:

(1) Age distributions: increase calculated ages by five years (i.e., one interval);
(2) Second master's degrees: add 10 percent of estimated rate (i.e., double); and,
(3) Emigration rate: increase one order of magnitude.

In almost all cases where a single variable was manipulated, the stock estimates produced with the "altered" values were about equal to, or no more than, an average of 5 percent less than the 1977 stock estimates produced by this study (table 16). The one case where the sensitivity experiment produced values that were substantially less than the stock estimates was where the rate of emigration was increased by an order of magnitude (i.e., from about 1 percent to 10 percent). The result was a reduction of about 13 percent to 18 percent from the estimated values. One interesting feature of this analysis is that the differences have dropped from 18 percent in 1960 to 13 percent in 1977. The same trend toward convergence is also observed when rates for the second master's degrees is manipulated, i.e., from 18 percent (1960) to 3 percent (1977).

To test the interactions of each of these factors, every variable was simultaneously set to an artificially extreme value. In this one case, the results were an average of about two-thirds of the stock estimates. As would be expected, these differentials also converge, i.e., from 37 percent (1960) to 19 percent (1977). The probability of all the variables being this much in error simultaneously is infinitely small. Therefore, users of these stock estimates can feel confident that the true values are in an interval that ranges from 100 percent to 90 percent of the values produced by this study, i.e., erring on the side of an overestimate.

**Table 16. Alternative estimates of psychology master's degree-holders**

| Year | Original estimates | Age variable | Emigration variable | Second master's |
|---|---|---|---|---|
| 1960 | 6,540 | 6,496 | 5,400 | 5,341 |
| 1961 | 6,939 | 6,898 | 5,722 | 5,657 |
| 1962 | 7,468 | 7,439 | 6,162 | 6,091 |
| 1963 | 7,953 | 7,929 | 6,559 | 6,488 |
| 1964 | 8,475 | 8,458 | 6,996 | 6,914 |
| 1965 | 9,282 | 9,268 | 7,677 | 7,593 |
| 1966 | 10,334 | 10,323 | 8,576 | 8,690 |
| 1967 | 11,812 | 11,806 | 9,855 | 10,212 |
| 1968 | 13,504 | 13,499 | 11,313 | 11,951 |
| 1969 | 15,517 | 15,513 | 13,054 | 14,016 |
| 1970 | 17,036 | 17,004 | 14,338 | 15,583 |
| 1971 | 18,875 | 18,812 | 15,915 | 17,474 |
| 1972 | 21,065 | 20,970 | 17,791 | 19,718 |
| 1973 | 23,553 | 23,426 | 19,936 | 22,263 |
| 1974 | 27,830 | 27,669 | 23,817 | 26,594 |
| 1975 | 32,071 | 31,878 | 27,666 | 30,893 |
| 1976 | 36,348 | 36,126 | 31,538 | 35,223 |
| 1977 | 40,692 | 40,446 | 35,479 | 39,620 |

SOURCE: National Science Foundation

section IV.

# detailed tables

## Stock of s/e master's degree-holders, 1960-78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| 1. | Summary | 20 |
| 2. | Science master's | 21 |
| 3. | Engineering master's | 23 |


## academic degrees conferred by degree level and sex, 1930-78


| | | |
|---|---|---|
| 4. | Mathematics and statistics | 24 |
| 5. | Computer and information sciences | 25 |
| 6. | Chemistry | 26 |
| 7. | Physics | 27 |
| 8. | Earth sciences | 28 |
| 9. | Other physical sciences | 29 |
| 10. | Biological sciences | 30 |
| 11. | Agricultural sciences | 31 |
| 12. | Psychology | 32 |
| 13. | Social sciences | 33 |
| 14. | Interdisciplinary studies | 34 |
| 15. | Engineering | 35 |
| 16. | Chemical engineering | 36 |
| 17. | Civil engineering | 37 |
| 18. | Electrical engineering | 38 |
| 19. | Mechanical engineering | 39 |
| 20. | Mining engineering | 40 |
| 21. | Other engineering | 41 |

Table 1.
SCIENCE AND ENGINEERING MASTER'S DEGREE STOCK
1960-1977 SUMMARY

| YEAR | TOTAL S/E | | | SCIENCE | | | ENGINEERING | | |
|---|---|---|---|---|---|---|---|---|---|
| | FEMALE | MALE | TOTAL | FEMALE | MALE | TOTAL | FEMALE | MALE | TOTAL |
| 1960 | 26136 | 141947 | 168083 | 25031 | 87812 | 112843 | 1105 | 54135 | 55240 |
| 1961 | 27918 | 153387 | 181305 | 26746 | 93711 | 120457 | 1172 | 59676 | 60848 |
| 1962 | 29963 | 166239 | 196202 | 28725 | 100557 | 129282 | 1238 | 65682 | 66920 |
| 1963 | 32345 | 179994 | 212339 | 31030 | 107919 | 138949 | 1315 | 72075 | 73390 |
| 1964 | 34925 | 195519 | 230444 | 33568 | 116332 | 149900 | 1357 | 79187 | 80544 |
| 1965 | 38165 | 213211 | 251376 | 36721 | 126213 | 162934 | 1444 | 86998 | 88442 |
| 1966 | 42108 | 233850 | 275958 | 40682 | 137504 | 178186 | 1426 | 96346 | 97772 |
| 1967 | 46774 | 256446 | 303220 | 45335 | 150852 | 196187 | 1439 | 105594 | 107033 |
| 1968 | 52433 | 280632 | 333065 | 50791 | 164796 | 215587 | 1642 | 115836 | 117478 |
| 1969 | 58885 | 305799 | 364684 | 56962 | 179850 | 236812 | 1923 | 125949 | 127872 |
| 1970 | 66428 | 328645 | 395073 | 64404 | 193189 | 257593 | 2024 | 135456 | 137480 |
| 1971 | 73439 | 353030 | 426469 | 71493 | 206223 | 277716 | 1946 | 146807 | 148753 |
| 1972 | 81191 | 377689 | 458880 | 79181 | 219621 | 298807 | 2005 | 158068 | 160073 |
| 1973 | 89059 | 402393 | 491452 | 87000 | 233590 | 320590 | 2059 | 168803 | 170862 |
| 1974 | 98161 | 433596 | 531757 | 95806 | 255426 | 351232 | 2355 | 178170 | 180525 |
| 1975 | 107682 | 463356 | 571038 | 105031 | 276114 | 381145 | 2651 | 187242 | 189893 |
| 1976 | 118126 | 493113 | 611239 | 114991 | 296352 | 411343 | 3135 | 196761 | 199896 |
| 1977 | 129665 | 523279 | 652944 | 125918 | 317320 | 443238 | 3747 | 205959 | 209706 |
| 1978 | 141492 | 548828 | 690320 | 137012 | 333722 | 470734 | 4480 | 215106 | 219586 |

Table 2.

SCIENCE MASTER'S DEGREE STOCK

| YEAR | MATHEMATICS FEMALE | MATHEMATICS MALE | MATHEMATICS TOTAL | COMPUTER SCIENCE FEMALE | COMPUTER SCIENCE MALE | COMPUTER SCIENCE TOTAL | CHEMICAL SCIENCE FEMALE | CHEMICAL SCIENCE MALE | CHEMICAL SCIENCE TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| 1960 | 3231 | 9340 | 12571 | 0 | 9 | 9 | 2697 | 9101 | 11798 |
| 1961 | 3584 | 10539 | 14123 | 0 | 28 | 28 | 2840 | 9586 | 12426 |
| 1962 | 3963 | 12039 | 16002 | 1 | 55 | 56 | 3017 | 10107 | 13124 |
| 1963 | 4486 | 13917 | 18403 | 3 | 112 | 115 | 3204 | 10590 | 13794 |
| 1964 | 5023 | 15958 | 20981 | 8 | 194 | 202 | 3406 | 11204 | 14610 |
| 1965 | 5665 | 18289 | 23954 | 17 | 333 | 350 | 3659 | 11899 | 15558 |
| 1966 | 6492 | 21001 | 27493 | 33 | 540 | 573 | 3943 | 12583 | 16526 |
| 1967 | 7584 | 23821 | 31405 | 57 | 941 | 998 | 4210 | 13233 | 17443 |
| 1968 | 8697 | 26641 | 35338 | 83 | 1426 | 1509 | 4624 | 14054 | 18678 |
| 1969 | 9951 | 29392 | 39343 | 152 | 2309 | 2461 | 4987 | 14882 | 19869 |
| 1970 | 11482 | 31955 | 43437 | 287 | 3622 | 3909 | 5355 | 15557 | 20912 |
| 1971 | 12713 | 33908 | 46621 | 442 | 4936 | 5378 | 5693 | 16295 | 21988 |
| 1972 | 13837 | 35262 | 49099 | 650 | 6546 | 7196 | 6027 | 16967 | 22994 |
| 1973 | 14842 | 36433 | 51275 | 856 | 8257 | 9113 | 6317 | 17647 | 23964 |
| 1974 | 15992 | 38039 | 54031 | 1124 | 10030 | 11154 | 6612 | 18778 | 25390 |
| 1975 | 17057 | 39212 | 56269 | 1432 | 11748 | 13180 | 6851 | 19810 | 26661 |
| 1976 | 17992 | 40726 | 58718 | 1772 | 13694 | 15466 | 7048 | 20650 | 27698 |
| 1977 | 18907 | 42050 | 60957 | 2196 | 15704 | 17900 | 7313 | 21425 | 28738 |
| 1978 | 19716 | 43373 | 63089 | 2711 | 17833 | 20544 | 7577 | 22258 | 29835 |

| YEAR | PHYSICS FEMALE | PHYSICS MALE | PHYSICS TOTAL | EARTH SCIENCES FEMALE | EARTH SCIENCES MALE | EARTH SCIENCES TOTAL | PHYSICAL SCIENCE-OTHER FEMALE | PHYSICAL SCIENCE-OTHER MALE | PHYSICAL SCIENCE-OTHER TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| 1960 | 690 | 7748 | 8438 | 299 | 6393 | 6692 | 349 | 1982 | 2331 |
| 1961 | 726 | 8494 | 9220 | 316 | 6795 | 7111 | 414 | 2263 | 2677 |
| 1962 | 782 | 9363 | 10145 | 332 | 7197 | 7529 | 455 | 2444 | 2899 |
| 1963 | 846 | 10281 | 11127 | 356 | 7475 | 7831 | 503 | 2678 | 3181 |
| 1964 | 896 | 11463 | 12359 | 373 | 7827 | 8200 | 525 | 2873 | 3398 |
| 1965 | 965 | 12656 | 13621 | 393 | 8182 | 8575 | 584 | 3182 | 3766 |
| 1966 | 1038 | 13802 | 14840 | 435 | 8462 | 8897 | 614 | 3441 | 4055 |
| 1967 | 1126 | 14976 | 16102 | 480 | 8937 | 9417 | 653 | 3731 | 4384 |
| 1968 | 1234 | 16130 | 17364 | 559 | 9406 | 9965 | 677 | 3880 | 4557 |
| 1969 | 1367 | 17308 | 18675 | 658 | 9958 | 10616 | 729 | 4021 | 4750 |
| 1970 | 1509 | 18180 | 19689 | 772 | 10372 | 11144 | 797 | 4192 | 4989 |
| 1971 | 1638 | 18934 | 20572 | 866 | 10829 | 11695 | 856 | 4468 | 5324 |
| 1972 | 1763 | 19469 | 21232 | 994 | 11349 | 12343 | 897 | 4621 | 5518 |
| 1973 | 1846 | 19772 | 21618 | 1156 | 11939 | 13095 | 934 | 4982 | 5916 |
| 1974 | 1950 | 20798 | 22748 | 1334 | 13077 | 14411 | 968 | 5135 | 6103 |
| 1975 | 2040 | 21751 | 23791 | 1506 | 14090 | 15596 | 1033 | 5293 | 6326 |
| 1976 | 2133 | 22537 | 24670 | 1707 | 15081 | 16788 | 1075 | 5466 | 6541 |
| 1977 | 2225 | 23178 | 25403 | 1909 | 16149 | 18058 | 1105 | 5550 | 6655 |
| 1978 | 2315 | 23815 | 26130 | 2131 | 17267 | 19398 | 1134 | 5633 | 6767 |

Table 2.--Con.

SCIENCE MASTER'S DEGREE STOCK

| YEAR | BIOLOGICAL SCIENCES | | | AGRICULTURAL SCIENCE | | | PSYCHOLOGY | | |
|---|---|---|---|---|---|---|---|---|---|
| | FEMALE | MALE | TOTAL | FEMALE | MALE | TOTAL | FEMALE | MALE | TOTAL |
| 1960 | 5924 | 11820 | 17744 | 310 | 13400 | 13710 | 6110 | 6540 | 12650 |
| 1961 | 6314 | 12714 | 19028 | 322 | 13451 | 13773 | 6492 | 6939 | 13431 |
| 1962 | 6785 | 13705 | 20490 | 348 | 13522 | 13870 | 6894 | 7468 | 14362 |
| 1963 | 7341 | 14760 | 22101 | 365 | 13568 | 13933 | 7306 | 7953 | 15259 |
| 1964 | 8038 | 15989 | 24027 | 394 | 13583 | 13977 | 7779 | 8475 | 16254 |
| 1965 | 8762 | 17419 | 26181 | 416 | 13584 | 14000 | 8445 | 9282 | 17727 |
| 1966 | 9650 | 19259 | 28909 | 473 | 13695 | 14168 | 9277 | 10334 | 19611 |
| 1967 | 10642 | 21608 | 32250 | 522 | 13873 | 14395 | 10290 | 11812 | 22102 |
| 1968 | 11727 | 23781 | 35508 | 582 | 14007 | 14589 | 11556 | 13504 | 25060 |
| 1969 | 12898 | 25861 | 38759 | 657 | 14247 | 14904 | 13015 | 15517 | 28532 |
| 1970 | 14329 | 27792 | 42121 | 745 | 14203 | 14948 | 14806 | 17036 | 31842 |
| 1971 | 15765 | 29302 | 45067 | 853 | 14599 | 15452 | 16669 | 18875 | 35544 |
| 1972 | 17243 | 30990 | 48233 | 1006 | 15189 | 16195 | 18975 | 21065 | 40040 |
| 1973 | 18591 | 33067 | 51658 | 1178 | 15883 | 17061 | 21705 | 23553 | 45258 |
| 1974 | 20014 | 36530 | 56544 | 1408 | 17302 | 18710 | 24890 | 27830 | 52720 |
| 1975 | 21385 | 39970 | 61355 | 1702 | 18784 | 20486 | 28546 | 32071 | 60617 |
| 1976 | 22849 | 43252 | 66101 | 2082 | 20367 | 22449 | 32821 | 36348 | 69169 |
| 1977 | 24583 | 46703 | 71286 | 2523 | 22202 | 24725 | 37529 | 40692 | 78221 |
| 1978 | 26327 | 49923 | 76250 | 3136 | 24070 | 27206 | 42280 | 44532 | 86812 |

| YEAR | SOCIAL SCIENCES | | | INTERDISCIPLINARY SCIENCES | | |
|---|---|---|---|---|---|---|
| | FEMALE | MALE | TOTAL | FEMALE | MALE | TOTAL |
| 1960 | 4974 | 19272 | 24246 | 447 | 2207 | 2654 |
| 1961 | 5220 | 20379 | 25599 | 518 | 2523 | 3041 |
| 1962 | 5557 | 21650 | 27207 | 591 | 3007 | 3598 |
| 1963 | 5951 | 23241 | 29192 | 669 | 3344 | 4013 |
| 1964 | 6383 | 24913 | 31296 | 743 | 3853 | 4596 |
| 1965 | 6944 | 26815 | 33759 | 871 | 4572 | 5443 |
| 1966 | 7717 | 29331 | 37048 | 1010 | 5056 | 6066 |
| 1967 | 8629 | 32448 | 41077 | 1142 | 5472 | 6614 |
| 1968 | 9711 | 35879 | 45590 | 1341 | 6088 | 7429 |
| 1969 | 10993 | 39693 | 50686 | 1555 | 6662 | 8217 |
| 1970 | 12556 | 43086 | 55642 | 1766 | 7194 | 8960 |
| 1971 | 14154 | 46627 | 60781 | 1844 | 7450 | 9294 |
| 1972 | 15861 | 50445 | 66306 | 1933 | 7718 | 9651 |
| 1973 | 17569 | 54016 | 71585 | 2006 | 8041 | 10047 |
| 1974 | 19414 | 59503 | 78917 | 2100 | 8404 | 10504 |
| 1975 | 21308 | 64693 | 86001 | 2171 | 8692 | 10863 |
| 1976 | 23289 | 69410 | 92699 | 2223 | 8821 | 11044 |
| 1977 | 25326 | 73992 | 99318 | 2302 | 9675 | 11977 |
| 1978 | 27304 | 74408 | 101712 | 2381 | 10610 | 12991 |

Table 3.
ENGINEERING STOCK

| DATE | CHEMICAL FEMALE | CHEMICAL MALE | CHEMICAL TOTAL | CIVIL FEMALE | CIVIL MALE | CIVIL TOTAL | ELECTRICAL-ELECTRONIC FEMALE | ELECTRICAL-ELECTRONIC MALE | ELECTRICAL-ELECTRONIC TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| 1960 | 58 | 9711 | 9769 | 21 | 10080 | 10101 | 23 | 14499 | 14522 |
| 1961 | 58 | 10232 | 10290 | 21 | 11119 | 11140 | 26 | 16286 | 16312 |
| 1962 | 65 | 10774 | 10839 | 28 | 12169 | 12197 | 35 | 18293 | 18328 |
| 1963 | 71 | 11404 | 11475 | 31 | 13328 | 13359 | 43 | 20343 | 20386 |
| 1964 | 76 | 12046 | 12122 | 37 | 14637 | 14674 | 47 | 22658 | 22705 |
| 1965 | 78 | 12719 | 12797 | 46 | 16032 | 16078 | 53 | 25228 | 25281 |
| 1966 | 86 | 13596 | 13682 | 53 | 17806 | 17859 | 74 | 28192 | 28266 |
| 1967 | 93 | 14454 | 14547 | 73 | 19555 | 19628 | 83 | 31174 | 31257 |
| 1968 | 107 | 15474 | 15581 | 85 | 21462 | 21547 | 103 | 34317 | 34420 |
| 1969 | 121 | 16440 | 16561 | 104 | 23318 | 23422 | 124 | 37194 | 37318 |
| 1970 | 143 | 17269 | 17412 | 129 | 25165 | 25294 | 149 | 40082 | 40231 |
| 1971 | 171 | 18144 | 18315 | 167 | 27113 | 27280 | 173 | 43014 | 43187 |
| 1972 | 205 | 19073 | 19278 | 211 | 29195 | 29406 | 223 | 45751 | 45974 |
| 1973 | 233 | 19926 | 20159 | 265 | 31506 | 31771 | 267 | 48112 | 48379 |
| 1974 | 271 | 20751 | 21022 | 344 | 33805 | 34149 | 316 | 50084 | 50400 |
| 1975 | 305 | 21486 | 21791 | 441 | 36032 | 36473 | 363 | 51961 | 52324 |
| 1976 | 364 | 22198 | 22562 | 579 | 38503 | 39082 | 459 | 54035 | 54494 |
| 1977 | 445 | 22950 | 23395 | 748 | 40904 | 41652 | 583 | 56058 | 56641 |
| 1978 | 558 | 23770 | 24328 | 933 | 43034 | 43967 | 714 | 58051 | 58765 |

| DATE | MECHANICAL FEMALE | MECHANICAL MALE | MECHANICAL TOTAL | MINING FEMALE | MINING MALE | MINING TOTAL | ENGINEERING-OTHER FEMALE | ENGINEERING-OTHER MALE | ENGINEERING-OTHER TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| 1960 | 33 | 13467 | 13500 | 0 | 1333 | 1333 | 970 | 5045 | 6015 |
| 1961 | 34 | 14864 | 14898 | 0 | 1420 | 1420 | 1033 | 5755 | 6788 |
| 1962 | 38 | 16360 | 16398 | 0 | 1503 | 1503 | 1072 | 6583 | 7655 |
| 1963 | 40 | 18038 | 18078 | 0 | 1624 | 1624 | 1130 | 7338 | 8468 |
| 1964 | 44 | 19948 | 19992 | 0 | 1701 | 1701 | 1153 | 8197 | 9350 |
| 1965 | 54 | 21982 | 22036 | 1 | 1820 | 1821 | 1212 | 9217 | 10429 |
| 1966 | 62 | 24261 | 24323 | 1 | 1932 | 1933 | 1150 | 10559 | 11709 |
| 1967 | 66 | 26490 | 26556 | 1 | 2038 | 2039 | 1123 | 11883 | 13006 |
| 1968 | 75 | 28666 | 28741 | 1 | 2185 | 2186 | 1271 | 13732 | 15003 |
| 1969 | 87 | 30974 | 31061 | 5 | 2310 | 2315 | 1482 | 15713 | 17195 |
| 1970 | 103 | 33087 | 33190 | 6 | 2407 | 2413 | 1494 | 17446 | 18940 |
| 1971 | 105 | 35015 | 35120 | 6 | 2567 | 2573 | 1324 | 20954 | 22278 |
| 1972 | 128 | 36847 | 36975 | 10 | 2759 | 2769 | 1228 | 24443 | 25671 |
| 1973 | 145 | 38381 | 38526 | 11 | 2932 | 2943 | 1138 | 27946 | 29084 |
| 1974 | 172 | 39582 | 39754 | 18 | 3029 | 3047 | 1234 | 30919 | 32153 |
| 1975 | 188 | 40704 | 40892 | 21 | 3217 | 3238 | 1333 | 33842 | 35175 |
| 1976 | 217 | 41853 | 42070 | 26 | 3406 | 3432 | 1490 | 36766 | 38256 |
| 1977 | 266 | 42914 | 43180 | 39 | 3599 | 3638 | 1666 | 39534 | 41200 |
| 1978 | 325 | 43971 | 44296 | 51 | 3811 | 3862 | 1899 | 42469 | 44368 |

Table 4.
Academic degrees conferred in MATHEMATICS & STATISTICS in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S Female | Male | Total | MASTER'S Female | Male | Total | DOCTORAL Female | Male | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1930 | 1852 | 1449 | 3301 | 137 | 244 | 381 | 10 | 73 | 83 |
| 1931 | 1845 | 1506 | 3351 | 152 | 291 | 443 | 11 | 79 | 90 |
| 1932 | 1754 | 1483 | 3237 | 147 | 313 | 459 | 15 | 67 | 82 |
| 1933 | 1702 | 1505 | 3207 | 131 | 291 | 422 | 15 | 68 | 83 |
| 1934 | 1652 | 1527 | 3179 | 109 | 256 | 365 | 18 | 79 | 97 |
| 1935 | 1621 | 1526 | 3147 | 108 | 260 | 368 | 11 | 72 | 83 |
| 1936 | 1612 | 1559 | 3171 | 107 | 264 | 371 | 9 | 68 | 77 |
| 1937 | 1666 | 1626 | 3292 | 110 | 274 | 384 | 10 | 64 | 74 |
| 1938 | 1773 | 1768 | 3541 | 116 | 293 | 409 | 7 | 59 | 66 |
| 1939 | 1856 | 1916 | 3772 | 121 | 313 | 434 | 13 | 87 | 100 |
| 1940 | 1954 | 2069 | 4023 | 133 | 353 | 486 | 9 | 97 | 106 |
| 1941 | 1998 | 2038 | 4036 | 133 | 333 | 466 | 8 | 90 | 98 |
| 1942 | 2049 | 2005 | 4054 | 133 | 315 | 448 | 8 | 71 | 79 |
| 1943 | 1978 | 1466 | 3444 | 115 | 204 | 319 | 6 | 39 | 45 |
| 1944 | 1918 | 1038 | 2956 | 99 | 132 | 231 | 18 | 34 | 52 |
| 1945 | 1978 | 1097 | 3075 | 118 | 179 | 297 | 8 | 37 | 45 |
| 1946 | 2046 | 1137 | 3183 | 141 | 242 | 383 | 9 | 43 | 52 |
| 1947 | 1884 | 1972 | 3856 | 166 | 494 | 660 | 11 | 103 | 114 |
| 1948 | 1705 | 2676 | 4381 | 149 | 564 | 713 | 11 | 121 | 132 |
| 1949 | 1601 | 3615 | 5216 | 184 | 722 | 906 | 10 | 140 | 150 |
| 1950 | 1488 | 4972 | 6460 | 192 | 792 | 984 | 10 | 179 | 189 |
| 1951 | 1458 | 4331 | 5789 | 181 | 937 | 1118 | 9 | 179 | 188 |
| 1952 | 1343 | 3393 | 4736 | 139 | 667 | 806 | 11 | [illegible] | 208 |
| 1953 | 1287 | 3148 | 4435 | 112 | [illegible]68 | 680 | 14 | 229 | 243 |
| 1954 | 1374 | 2706 | 4080 | 127 | 58[illegible] | 707 | 14 | 21[illegible] | 228 |
| 1955 | 1312 | 2700 | 4012 | 148 | 613 | 761 | 11 | 240 | 251 |
| 1956 | 1523 | 3137 | 4660 | 179 | 719 | 898 | 10 | 225 | 235 |
| 1957 | 1720 | 3826 | 5546 | 188 | 777 | 965 | 13 | 236 | 249 |
| 1958 | 1971 | 4953 | 6924 | 240 | 994 | [illegible]234 | 15 | 232 | 247 |
| 1959 | 2515 | 6504 | 9019 | 311 | 1188 | 14[illegible]9 | 15 | 267 | 282 |
| 1960 | 3125 | 8312 | 11437 | 337 | 1428 | 1765 | 18 | 285 | 303 |
| 1961 | 3644 | 9483 | 13127 | 466 | 1772 | 2238 | 17 | 327 | 344 |
| 1962 | 4255 | 10355 | 14610 | 501 | 2179 | 2680 | 24 | 372 | 396 |
| 1963 | 4958 | 11163 | 16121 | 658 | 2665 | 3323 | 36 | 454 | 490 |
| 1964 | 5995 | 12682 | 18677 | 689 | 2914 | 3603 | 29 | 567 | 596 |
| 1965 | 6454 | 13138 | 19592 | 807 | 3343 | 4510 | 59 | 625 | 684 |
| 1966 | 6689 | 13406 | 20095 | 1001 | 3771 | 4772 | 57 | 725 | 782 |
| 1967 | 7310 | 14006 | 21316 | 1284 | 4001 | 5285 | 59 | 773 | 832 |
| 1968 | 8787 | 14846 | 23633 | 1331 | 4203 | 5534 | 52 | 895 | 947 |
| 1969 | 10227 | 17103 | 27330 | 1493 | 4230 | 5723 | 68 | 1029 | 1097 |
| 1970 | 10858 | 18249 | 29107 | 1796 | 4198 | 5994 | 97 | 1148 | 1245 |
| 1971 | 9494 | 15424 | 24913 | 1524 | 3677 | 5201 | 93 | 1106 | 1199 |
| 1972 | 9211 | 14185 | 23396 | 1430 | 3200 | 4630 | 76 | 849 | 925 |
| 1973 | 9106 | 13357 | 22463 | 1332 | 2944 | 4276 | 77 | 765 | 842 |
| 1974 | 8939 | 12874 | 21813 | 1500 | 3340 | 4840 | 100 | 931 | [illegible] |
| 1975 | 7700 | 10646 | 18346 | 1428 | 2910 | 4338 | 110 | 865 | [illegible] |
| 1976 | 6554 | 9531 | 16085 | 1313 | 2550 | 3863 | 94 | 762 | [illegible] |
| 1977 | 5949 | 8354 | 14303 | 1300 | 2398 | 3698 | 109 | 714 | 625 |
| 1978 | 5246 | 7455 | 12701 | 1150 | 2233 | 3383 | 124 | 681 | 805 |

Table 5.

Academic degrees conferred in COMPUTER & INFORMATION SCIENCES in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1931 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1932 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1933 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1935 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1936 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1938 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1939 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1940 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1941 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1942 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1943 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1944 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1945 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1946 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1947 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1948 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1949 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1950 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1951 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1953 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1954 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1955 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1956 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1957 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1958 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1959 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1960 | 1 | 10 | 11 | 1 | 10 | 11 | 0 | 1 | 1 |
| 1961 | 1 | 10 | 11 | 1 | 20 | 21 | 0 | 1 | 1 |
| 1962 | 1 | 10 | 11 | 2 | 30 | 32 | 0 | 1 | 1 |
| 1963 | 2 | 20 | 22 | 3 | 60 | 63 | 0 | 1 | 1 |
| 1964 | 4 | 30 | 34 | 6 | 90 | 96 | 0 | 5 | 5 |
| 1965 | 7 | 50 | 57 | 10 | 150 | 160 | 1 | 10 | 11 |
| 1966 | 13 | 76 | 89 | 17 | 221 | 238 | 0 | 19 | 19 |
| 1967 | 24 | 198 | 222 | 26 | 423 | 449 | 1 | 37 | 38 |
| 1968 | 55 | 404 | 459 | 30 | 518 | 548 | 0 | 36 | 36 |
| 1969 | 121 | 812 | 933 | 73 | 939 | 1012 | 2 | 62 | 64 |
| 1970 | 209 | 1423 | 1632 | 145 | 1398 | 1543 | 2 | 106 | 108 |
| 1971 | 324 | 2064 | 2388 | 164 | 1424 | 1588 | 3 | 125 | 128 |
| 1972 | 461 | 2941 | 3402 | 225 | 1752 | 1977 | 12 | 155 | 167 |
| 1973 | 640 | 3665 | 4305 | 225 | 1888 | 2113 | 15 | 181 | 196 |
| 1974 | 780 | 3977 | 4757 | 293 | 1983 | 2276 | 9 | 189 | 198 |
| 1975 | 956 | 4083 | 5039 | 338 | 1961 | 2299 | 14 | 199 | 213 |
| 1976 | 1124 | 4540 | 5664 | 377 | 2226 | 2603 | 22 | 221 | 244 |
| 1977 | 1539 | 4887 | 6426 | 466 | 2332 | 2798 | 19 | 197 | 216 |
| 1978 | 1864 | 5360 | 7224 | 567 | 2471 | 3038 | 15 | 181 | 196 |

Table 6.
Academic degrees conferred in CHEMISTRY in the U.S. by degree level and sex:
1930-1977 (estimated)

| YEAR | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 1331 | 3061 | 4392 | 73 | 470 | 543 | 26 | 306 | 332 |
| 1931 | 1346 | 3132 | 4478 | 82 | 549 | 631 | 35 | 333 | 368 |
| 1932 | 1303 | 3047 | 4350 | 80 | 581 | 661 | 36 | 326 | 362 |
| 1933 | 1284 | 3047 | 4331 | 73 | 532 | 605 | 24 | 396 | 420 |
| 1934 | 1266 | 3047 | 4313 | 62 | 460 | 522 | 23 | 413 | 436 |
| 1935 | 1329 | 3164 | 4493 | 62 | 457 | 519 | 28 | 374 | 401 |
| 1936 | 1379 | 3274 | 4653 | 62 | 455 | 517 | 26 | 435 | 461 |
| 1937 | 1529 | 3555 | 5084 | 69 | 490 | 559 | 33 | 477 | 510 |
| 1938 | 1657 | 3818 | 5475 | 76 | 528 | 604 | 19 | 420 | 439 |
| 1939 | 1765 | 4093 | 5858 | 85 | 586 | 671 | 24 | 478 | 501 |
| 1940 | 1924 | 4442 | 6366 | 95 | 653 | 718 | 30 | 502 | 532 |
| 1941 | 2020 | 4363 | 6383 | 96 | 606 | 702 | 16 | 642 | 658 |
| 1942 | 2143 | 4312 | 6455 | 100 | 574 | 674 | 22 | 584 | 606 |
| 1943 | 2096 | 3103 | 5199 | 88 | 369 | 457 | 18 | 501 | 519 |
| 1944 | 2052 | 2155 | 4207 | 79 | 239 | 318 | 18 | 534 | 548 |
| 1945 | 2151 | 2249 | 4400 | 95 | 319 | 414 | 14 | 328 | 342 |
| 1946 | 2263 | 2301 | 4564 | 115 | 420 | 535 | 31 | 286 | 317 |
| 1947 | 2210 | 4134 | 6344 | 138 | 844 | 982 | 24 | 394 | 418 |
| 1948 | 2145 | 5688 | 7833 | 217 | 1153 | 1370 | 30 | 539 | 569 |
| 1949 | 1950 | 8708 | 10658 | 248 | 1366 | 1614 | 37 | 720 | 757 |
| 1950 | 1794 | 10478 | 12272 | 221 | 1480 | 1701 | 39 | 928 | 967 |
| 1951 | 1416 | 8007 | 9423 | 171 | 1406 | 1577 | 52 | 1003 | 1055 |
| 1952 | 1305 | 6472 | 7777 | 177 | 1307 | 1484 | 45 | 993 | 1038 |
| 1953 | 1235 | 5671 | 6906 | 124 | 1148 | 1272 | 51 | 954 | 1005 |
| 1954 | 1277 | 5831 | 7108 | 129 | 1000 | 1129 | 46 | 986 | 1032 |
| 1955 | 1323 | 5715 | 7038 | 142 | 1068 | 1210 | 36 | 973 | 1009 |
| 1956 | 1335 | 5444 | 6779 | 134 | 1061 | 1195 | 52 | 937 | 989 |
| 1957 | 1445 | 5808 | 7253 | 140 | 946 | 1086 | 49 | 959 | 1008 |
| 1958 | 1471 | 6237 | 7708 | 180 | 1029 | 1209 | 49 | 898 | 947 |
| 1959 | 1568 | 6421 | 7989 | 187 | 1060 | 1247 | 49 | 978 | 1027 |
| 1960 | 1758 | 6550 | 8308 | 225 | 1116 | 1341 | 48 | 1014 | 1062 |
| 1961 | 1673 | 6161 | 8289 | 223 | 1217 | 1440 | 57 | 1088 | 1145 |
| 1962 | 1895 | 6982 | 8877 | 268 | 1305 | 1573 | 69 | 1072 | 1141 |
| 1963 | 1963 | 7756 | 9719 | 281 | 1295 | 1576 | 78 | 1178 | 1256 |
| 1964 | 2095 | 8562 | 10657 | 301 | 1432 | 1733 | 93 | 1210 | 1303 |
| 1965 | 2137 | 8956 | 11093 | 369 | 1572 | 1941 | 102 | 1326 | 1428 |
| 1966 | 1980 | 8682 | 10662 | 398 | 1625 | 2023 | 95 | 1488 | 1583 |
| 1967 | 1938 | 8769 | 10707 | 386 | 1612 | 1998 | 119 | 1645 | 1764 |
| 1968 | 2400 | 9841 | 12241 | 545 | 1792 | 2337 | 146 | 1639 | 1785 |
| 1969 | 2622 | 10696 | 13318 | 500 | 1874 | 2374 | 150 | 1830 | 1980 |
| 1970 | 2227 | 10053 | 12280 | 515 | 1760 | 2275 | 171 | 2053 | 2224 |
| 1971 | 2095 | 9127 | 11222 | 493 | 1835 | 2328 | 173 | 2017 | 2190 |
| 1972 | 2120 | 8619 | 10739 | 505 | 1789 | 2294 | 193 | 1799 | 1992 |
| 1973 | 1967 | 8279 | 10246 | 469 | 1796 | 2265 | 184 | 1716 | 1900 |
| 1974 | 2113 | 8423 | 10536 | 474 | 1693 | 2167 | 173 | 1669 | 1842 |
| 1975 | 2385 | 8282 | 10667 | 417 | 1618 | 2035 | 205 | 1629 | 1834 |
| 1976 | 2497 | 8626 | 11123 | 383 | 1437 | 1820 | 197 | 1442 | 1639 |
| 1977 | 2602 | 8748 | 11350 | 449 | 1371 | 1820 | 188 | 1405 | 1593 |
| 1978 | 2884 | 8619 | 11503 | 448 | 1475 | 1923 | 203 | 1341 | 1544 |

Table 7.
Academic degrees conferred in PHYSICS in the U.S. by degree level and sex:
1930-1977 (estimated)

| YEAR | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 211 | 799 | 1010 | 34 | 184 | 218 | 6 | 103 | 109 |
| 1931 | 211 | 847 | 1058 | 37 | 225 | 262 | 4 | 109 | 113 |
| 1932 | 200 | 850 | 1050 | 36 | 247 | 283 | 9 | 107 | 116 |
| 1933 | 194 | 878 | 1072 | 32 | 236 | 268 | 2 | 131 | 133 |
| 1934 | 188 | 905 | 1093 | 27 | 211 | 238 | 7 | 111 | 118 |
| 1935 | 185 | 920 | 1105 | 26 | 218 | 244 | 2 | 129 | 131 |
| 1936 | 184 | 954 | 1138 | 26 | 224 | 250 | 4 | 125 | 129 |
| 1937 | 190 | 1010 | 1200 | 27 | 237 | 264 | 7 | 140 | 147 |
| 1938 | 203 | 1112 | 1315 | 28 | 257 | 285 | 8 | 143 | 151 |
| 1939 | 212 | 1222 | 1434 | 29 | 279 | 308 | 3 | 150 | 153 |
| 1940 | 223 | 1336 | 1559 | 32 | 319 | 351 | 3 | 129 | 132 |
| 1941 | 228 | 1332 | 1560 | 32 | 305 | 337 | 7 | 164 | 171 |
| 1942 | 234 | 1326 | 1560 | 32 | 291 | 323 | 9 | 136 | 145 |
| 1943 | 226 | 980 | 1206 | 28 | 191 | 219 | 12 | 110 | 122 |
| 1944 | 219 | 701 | 920 | 24 | 125 | 149 | 4 | 63 | 67 |
| 1945 | 226 | 749 | 975 | 29 | 172 | 201 | 8 | 39 | 47 |
| 1946 | 234 | 784 | 1018 | 34 | 234 | 268 | 3 | 60 | 63 |
| 1947 | 206 | 1492 | 1698 | 40 | 483 | 523 | 8 | 123 | 131 |
| 1948 | 176 | 2097 | 2273 | 46 | 675 | 721 | 9 | 202 | 211 |
| 1949 | 215 | 3117 | 3332 | 51 | 906 | 957 | 9 | 270 | 279 |
| 1950 | 158 | 3800 | 3958 | 40 | 980 | 1020 | 6 | 373 | 379 |
| 1951 | 140 | 3065 | 3205 | 43 | 1022 | 1065 | 9 | 447 | 456 |
| 1952 | 134 | 2442 | 2576 | 40 | 913 | 953 | 11 | 490 | 501 |
| 1953 | 101 | 2254 | 2355 | 37 | 726 | 763 | 8 | 489 | 497 |
| 1954 | 92 | 2329 | 2421 | 33 | 718 | 751 | 8 | 498 | 506 |
| 1955 | 89 | 2306 | 2395 | 32 | 730 | 762 | 13 | 515 | 528 |
| 1956 | 121 | 2448 | 2569 | 24 | 749 | 773 | 11 | 482 | 493 |
| 1957 | 140 | 2891 | 3031 | 31 | 829 | 860 | 14 | 448 | 462 |
| 1958 | 171 | 3344 | 3515 | 28 | 828 | 856 | 13 | 473 | 486 |
| 1959 | 161 | 4020 | 4181 | 38 | 963 | 1001 | 10 | 490 | 500 |
| 1960 | 200 | 4577 | 4777 | 39 | 1127 | 1166 | 10 | 489 | 499 |
| 1961 | 261 | 4462 | 4723 | 60 | 1351 | 1411 | 7 | 573 | 580 |
| 1962 | 217 | 5107 | 5324 | 76 | 1551 | 1627 | 13 | 680 | 693 |
| 1963 | 273 | 5065 | 5338 | 90 | 1639 | 1729 | 11 | 770 | 781 |
| 1964 | 275 | 5233 | 5508 | 77 | 2022 | 2099 | 14 | 805 | 819 |
| 1965 | 284 | 5268 | 5552 | 99 | 2143 | 2242 | 24 | 980 | 1004 |
| 1966 | 257 | 4882 | 5139 | 100 | 2101 | 2201 | 24 | 997 | 1021 |
| 1967 | 304 | 4931 | 5235 | 119 | 2251 | 2370 | 33 | 1217 | 1250 |
| 1968 | 388 | 5365 | 5753 | 140 | 2315 | 2455 | 36 | 1331 | 1367 |
| 1969 | 405 | 3896 | 6301 | 167 | 2485 | 2652 | 37 | 1367 | 1404 |
| 1970 | 366 | 5421 | 5787 | 179 | 2250 | 2429 | 44 | 1489 | 1533 |
| 1971 | 352 | 4860 | 5212 | 166 | 2136 | 2302 | 51 | 1531 | 1582 |
| 1972 | 347 | 4457 | 4804 | 171 | 2031 | 2202 | 50 | 1403 | 1453 |
| 1973 | 339 | 4072 | 4411 | 125 | 1722 | 1847 | 58 | 1377 | 1435 |
| 1974 | 372 | 3769 | 4141 | 148 | 1603 | 1751 | 53 | 1145 | 1198 |
| 1975 | 390 | 3469 | 3859 | 139 | 1551 | 1690 | 62 | 1106 | 1168 |
| 1976 | 405 | 3305 | 3710 | 140 | 1400 | 1540 | 53 | 1070 | 1123 |
| 1977 | 379 | 3193 | 3572 | 140 | 1260 | 1400 | 65 | 963 | 1028 |
| 1978 | 395 | 3063 | 3458 | 135 | 1254 | 1389 | 53 | 909 | 962 |

Table 8.
Academic degrees conferred in EARTH SCIENCES in the U.S. by degree level and sex: 1930-1977 (estimated)

| YEAR | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 131 | 1069 | 1200 | 10 | 170 | 180 | 4 | 69 | 73 |
| 1931 | 130 | 1104 | 1234 | 11 | 202 | 213 | 4 | 42 | 46 |
| 1932 | 124 | 1082 | 1206 | 11 | 216 | 227 | 2 | 57 | 59 |
| 1933 | 121 | 1093 | 1214 | 9 | 201 | 210 | 5 | 77 | 82 |
| 1934 | 118 | 1103 | 1221 | 8 | 177 | 185 | 1 | 68 | 69 |
| 1935 | 116 | 1097 | 1213 | 8 | 178 | 186 | 1 | 76 | 77 |
| 1936 | 115 | 1116 | 1231 | 8 | 179 | 187 | 0 | 73 | 73 |
| 1937 | 120 | 1158 | 1278 | 8 | 186 | 194 | 2 | 53 | 55 |
| 1938 | 128 | 1253 | 1381 | 9 | 197 | 206 | 2 | 73 | 75 |
| 1939 | 134 | 1353 | 1487 | 9 | 210 | 219 | 2 | 62 | 64 |
| 1940 | 142 | 1455 | 1597 | 10 | 236 | 246 | 6 | 58 | 64 |
| 1941 | 146 | 1427 | 1573 | 10 | 221 | 231 | 3 | 65 | 68 |
| 1942 | 150 | 1399 | 1549 | 10 | 208 | 218 | 3 | 64 | 67 |
| 1943 | 145 | 1018 | 1163 | 9 | 135 | 144 | 3 | 40 | 43 |
| 1944 | 142 | 718 | 860 | 7 | 88 | 95 | 1 | 19 | 20 |
| 1945 | 147 | 756 | 903 | 9 | 118 | 127 | 4 | 26 | 40 |
| 1946 | 153 | 781 | 934 | 11 | 157 | 168 | 2 | 34 | 36 |
| 1947 | 149 | 998 | 1147 | 13 | 321 | 334 | 3 | 57 | 60 |
| 1948 | 144 | 1158 | 1302 | 19 | 304 | 323 | 2 | 55 | 57 |
| 1949 | 130 | 2105 | 2235 | 35 | 412 | 447 | 5 | 86 | 91 |
| 1950 | 140 | 3557 | 3697 | 19 | 572 | 591 | 4 | 123 | 127 |
| 1951 | 89 | 3156 | 3245 | 24 | 651 | 675 | 3 | 134 | 137 |
| 1952 | 94 | 2406 | 2500 | 19 | 597 | 616 | 0 | 129 | 129 |
| 1953 | 81 | 2063 | 2144 | 9 | 597 | 606 | 3 | 147 | 150 |
| 1954 | 102 | 2044 | 2146 | 15 | 457 | 472 | 7 | 139 | 146 |
| 1955 | 111 | 2147 | 2258 | 31 | 545 | 576 | 2 | 157 | 159 |
| 1956 | 93 | 2392 | 2485 | 17 | 561 | 578 | 2 | 139 | 161 |
| 1957 | 103 | 2865 | 2968 | 20 | 657 | 677 | 5 | 170 | 175 |
| 1958 | 123 | 3208 | 3331 | 24 | 842 | 866 | 3 | 178 | 181 |
| 1959 | 107 | 3290 | 3397 | 20 | 823 | 843 | 5 | 223 | 228 |
| 1960 | 89 | 2933 | 3022 | 19 | 761 | 780 | 4 | 238 | 242 |
| 1961 | 89 | 2215 | 2304 | 24 | 787 | 811 | 3 | 234 | 237 |
| 1962 | 86 | 1755 | 1841 | 25 | 796 | 821 | 3 | 230 | 233 |
| 1963 | 75 | 1384 | 1459 | 33 | 708 | 741 | 5 | 294 | 299 |
| 1964 | 121 | 1476 | 1597 | 28 | 797 | 825 | 5 | 276 | 281 |
| 1965 | 150 | 1523 | 1673 | 37 | 848 | 885 | 1 | 343 | 344 |
| 1966 | 177 | 1697 | 1874 | 51 | 782 | 833 | 10 | 367 | 377 |
| 1967 | 216 | 2881 | 2098 | 61 | 995 | 1056 | 7 | 375 | 382 |
| 1968 | 286 | 2332 | 2618 | 93 | 1052 | 1145 | 9 | 398 | 407 |
| 1969 | 354 | 2918 | 3272 | 117 | 1148 | 1265 | 22 | 426 | 448 |
| 1970 | 361 | 3183 | 3544 | 134 | 1055 | 1189 | 16 | 457 | 473 |
| 1971 | 384 | 3202 | 3586 | 116 | 1126 | 1242 | 15 | 456 | 471 |
| 1972 | 505 | 3627 | 4132 | 154 | 1285 | 1439 | 23 | 512 | 535 |
| 1973 | 553 | 3951 | 4504 | 190 | 1365 | 1555 | 26 | 472 | 498 |
| 1974 | 814 | 4303 | 5117 | 208 | 1562 | 1770 | 20 | 486 | 506 |
| 1975 | 860 | 4258 | 5118 | 207 | 1459 | 1666 | 25 | 504 | 529 |
| 1976 | 952 | 4261 | 5213 | 235 | 1453 | 1688 | 39 | 493 | 532 |
| 1977 | 1227 | 4639 | 5866 | 239 | 1548 | 1787 | 50 | 524 | 574 |
| 1978 | 1350 | 4859 | 6209 | 304 | 1624 | 1928 | 45 | 471 | 516 |

Table 9.
Academic degrees conferred in OTHER PHYSICAL SCIENCES in the U.S. by degree level and sex: 1930-1977 (estimated)

| YEAR | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 26 | 545 | 571 | 4 | 56 | 60 | 0 | 10 | 10 |
| 1931 | 28 | 556 | 584 | 5 | 65 | 70 | 0 | 11 | 11 |
| 1932 | 28 | 537 | 565 | 5 | 69 | 74 | 0 | 11 | 11 |
| 1933 | 29 | 536 | 565 | 5 | 63 | 68 | 0 | 13 | 13 |
| 1934 | 29 | 534 | 563 | 4 | 55 | 59 | 0 | 11 | 11 |
| 1935 | 31 | 525 | 556 | 4 | 54 | 58 | 0 | 13 | 13 |
| 1936 | 32 | 527 | 559 | 4 | 54 | 58 | 0 | 13 | 13 |
| 1937 | 35 | 541 | 576 | 5 | 55 | 60 | 0 | 15 | 15 |
| 1938 | 39 | 578 | 617 | 5 | 58 | 63 | 0 | 15 | 15 |
| 1939 | 44 | 617 | 661 | 6 | 61 | 67 | 0 | 16 | 16 |
| 1940 | 49 | 656 | 705 | 7 | 68 | 75 | 0 | 14 | 14 |
| 1941 | 53 | 636 | 689 | 7 | 63 | 70 | 0 | 18 | 18 |
| 1942 | 58 | 616 | 674 | 8 | 59 | 67 | 0 | 15 | 15 |
| 1943 | 59 | 444 | 503 | 7 | 38 | 45 | 0 | 12 | 12 |
| 1944 | 61 | 310 | 371 | 6 | 24 | 30 | 0 | 7 | 7 |
| 1945 | 67 | 322 | 389 | 8 | 32 | 40 | 0 | 4 | 4 |
| 1946 | 74 | 329 | 403 | 10 | 43 | 53 | 0 | 7 | 7 |
| 1947 | 90 | 682 | 772 | 13 | 86 | 99 | 0 | 14 | 14 |
| 1948 | 107 | 987 | 1094 | 3 | 108 | 111 | 0 | 13 | 13 |
| 1949 | 81 | 1054 | 1135 | 8 | 159 | 167 | 0 | 56 | 56 |
| 1950 | 82 | 1193 | 1275 | 4 | 139 | 143 | 0 | 49 | 49 |
| 1951 | 66 | 1045 | 1111 | 2 | 152 | 154 | 1 | 50 | 51 |
| 1952 | 45 | 920 | 965 | 1 | 152 | 153 | 1 | 59 | 60 |
| 1953 | 53 | 654 | 707 | 5 | 186 | 191 | 0 | 65 | 65 |
| 1954 | 56 | 410 | 466 | 4 | 75 | 79 | 1 | 24 | 25 |
| 1955 | 81 | 741 | 822 | 9 | 58 | 67 | 1 | 19 | 20 |
| 1956 | 146 | 803 | 949 | 54 | 117 | 171 | 3 | 22 | 25 |
| 1957 | 114 | 849 | 963 | 40 | 116 | 156 | 4 | 30 | 34 |
| 1958 | 116 | 1079 | 1195 | 59 | 202 | 261 | 1 | 40 | 41 |
| 1959 | 127 | 1182 | 1309 | 62 | 256 | 318 | 5 | 59 | 64 |
| 1960 | 170 | 1257 | 1427 | 79 | 286 | 365 | 0 | 40 | 40 |
| 1961 | 203 | 1349 | 1552 | 75 | 378 | 453 | 3 | 31 | 34 |
| 1962 | 173 | 1216 | 1389 | 50 | 271 | 321 | 2 | 56 | 58 |
| 1963 | 173 | 1228 | 1401 | 61 | 342 | 403 | 1 | 46 | 47 |
| 1964 | 189 | 1260 | 1449 | 34 | 307 | 341 | 1 | 54 | 55 |
| 1965 | 224 | 1240 | 1464 | 72 | 430 | 502 | 1 | 80 | 81 |
| 1966 | 151 | 993 | 1144 | 44 | 380 | 424 | 3 | 85 | 88 |
| 1967 | 171 | 1079 | 1250 | 49 | 419 | 468 | 4 | 101 | 105 |
| 1968 | 157 | 939 | 1096 | 39 | 279 | 318 | 2 | 86 | 88 |
| 1969 | 172 | 1035 | 1207 | 71 | 280 | 351 | 4 | 97 | 101 |
| 1970 | 170 | 1004 | 1174 | 80 | 323 | 403 | 7 | 106 | 113 |
| 1971 | 183 | 1346 | 1529 | 78 | 436 | 514 | 7 | 141 | 148 |
| 1972 | 176 | 1036 | 1212 | 58 | 314 | 372 | 7 | 116 | 123 |
| 1973 | 262 | 1386 | 1648 | 63 | 544 | 607 | 6 | 177 | 183 |
| 1974 | 237 | 1256 | 1493 | 57 | 342 | 399 | 7 | 78 | 85 |
| 1975 | 203 | 1049 | 1252 | 85 | 354 | 439 | 10 | 87 | 97 |
| 1976 | 285 | 1228 | 1513 | 67 | 370 | 437 | 11 | 128 | 139 |
| 1977 | 343 | 1487 | 1830 | 59 | 279 | 338 | 17 | 132 | 149 |
| 1978 | 358 | 1647 | 2005 | 59 | 277 | 336 | 11 | 104 | 115 |

Table 10

Academic degrees conferred in BIOLOGICAL SCIENCES in the U.S. by degree level and sex: 1930-1977 (estimated)

| YEAR | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 1870 | 2953 | 4823 | 126 | 370 | 496 | 65 | 273 | 338 |
| 1931 | 1927 | 3075 | 5002 | 142 | 434 | 576 | 66 | 360 | 426 |
| 1932 | 1937 | 3106 | 5043 | 144 | 476 | 620 | 90 | 324 | 414 |
| 1933 | 1912 | 3109 | 5021 | 133 | 444 | 577 | 71 | 348 | 419 |
| 1934 | 1888 | 3112 | 5000 | 118 | 399 | 517 | 82 | 399 | 481 |
| 1935 | 2053 | 3344 | 5397 | 118 | 399 | 517 | 61 | 373 | 434 |
| 1936 | 2168 | 3520 | 5688 | 119 | 399 | 518 | 92 | 367 | 459 |
| 1937 | 2483 | 3946 | 6429 | 136 | 444 | 580 | 69 | 368 | 437 |
| 1938 | 2700 | 4250 | 6950 | 153 | 489 | 642 | 84 | 454 | 538 |
| 1939 | 2884 | 4565 | 7449 | 176 | 561 | 737 | 84 | 472 | 556 |
| 1940 | 3001 | 4725 | 7726 | 198 | 627 | 825 | 83 | 528 | 611 |
| 1941 | 3092 | 4552 | 7644 | 201 | 585 | 786 | 64 | 538 | 602 |
| 1942 | 3139 | 4302 | 7441 | 200 | 529 | 729 | 79 | 547 | 626 |
| 1943 | 3128 | 3151 | 6279 | 174 | 334 | 508 | 56 | 435 | 491 |
| 1944 | 3124 | 2231 | 5355 | 149 | 208 | 357 | 87 | 282 | 369 |
| 1945 | 3286 | 2333 | 5619 | 183 | 283 | 466 | 82 | 214 | 296 |
| 1946 | 3471 | 2396 | 5867 | 225 | 380 | 605 | 64 | 192 | 256 |
| 1947 | 4016 | 5440 | 9456 | 270 | 766 | 1036 | 77 | 340 | 417 |
| 1948 | 4563 | 8089 | 12652 | 408 | 1003 | 1411 | 77 | 344 | 421 |
| 1949 | 4234 | 11988 | 16222 | 532 | 1399 | 1931 | 65 | 432 | 497 |
| 1950 | 4334 | 15188 | 19522 | 492 | 1874 | 2366 | 90 | 550 | 640 |
| 1951 | 3816 | 12428 | 16244 | 481 | 2084 | 2565 | 99 | 696 | 795 |
| 1952 | 3414 | 9658 | 13072 | 409 | 1978 | 2387 | 84 | 681 | 765 |
| 1953 | 3129 | 8388 | 11517 | 358 | 1590 | 1948 | 117 | 849 | 966 |
| 1954 | 3103 | 8429 | 11532 | 324 | 1298 | 1622 | 102 | 984 | 1086 |
| 1955 | 2906 | 7838 | 10744 | 385 | 1233 | 1618 | 98 | 894 | 992 |
| 1956 | 3259 | 9937 | 13196 | 379 | 1327 | 1706 | 116 | 889 | 1005 |
| 1957 | 3426 | 11150 | 14576 | 364 | 1396 | 1760 | 112 | 983 | 1095 |
| 1958 | 3548 | 11645 | 15193 | 423 | 1485 | 1908 | 137 | 981 | 1118 |
| 1959 | 4016 | 11956 | 15972 | 511 | 1602 | 2113 | 111 | 927 | 1038 |
| 1960 | 4318 | 12240 | 16558 | 523 | 1750 | 2273 | 119 | 1078 | 1197 |
| 1961 | 4699 | 12445 | 17144 | 596 | 1922 | 2518 | 136 | 1042 | 1178 |
| 1962 | 5305 | 12854 | 18159 | 698 | 2177 | 2875 | 158 | 1173 | 1331 |
| 1963 | 5954 | 14626 | 20580 | 809 | 2300 | 3109 | 174 | 1273 | 1447 |
| 1964 | 7005 | 17358 | 24363 | 985 | 2559 | 3544 | 189 | 1424 | 1613 |
| 1965 | 8082 | 19123 | 27205 | 1044 | 2947 | 3991 | 229 | 1699 | 1928 |
| 1966 | 8313 | 20611 | 28924 | 1211 | 3316 | 4527 | 298 | 1790 | 2088 |
| 1967 | 8741 | 22039 | 30780 | 1347 | 3991 | 5338 | 333 | 1914 | 2247 |
| 1968 | 8924 | 22726 | 31650 | 1471 | 3940 | 5411 | 428 | 2324 | 2752 |
| 1969 | 9936 | 25281 | 35217 | 1596 | 4057 | 5653 | 465 | 2548 | 3013 |
| 1970 | 11000 | 28216 | 39216 | 1895 | 4173 | 6068 | 461 | 2805 | 3266 |
| 1971 | 10571 | 25462 | 36033 | 1943 | 3813 | 5756 | 595 | 3050 | 3645 |
| 1972 | 11147 | 26491 | 37638 | 2027 | 4099 | 6126 | 622 | 3032 | 3654 |
| 1973 | 12824 | 29848 | 42672 | 1924 | 4370 | 6294 | 711 | 2926 | 3637 |
| 1974 | 15378 | 33478 | 48856 | 2014 | 4567 | 6581 | 700 | 2740 | 3440 |
| 1975 | 17416 | 34820 | 52236 | 1976 | 4615 | 6591 | 743 | 2641 | 3384 |
| 1976 | 19119 | 35794 | 54913 | 2103 | 4518 | 6621 | 731 | 2666 | 3397 |
| 1977 | 19719 | 34474 | 54193 | 2416 | 4738 | 7154 | 728 | 2675 | 3403 |
| 1978 | 20223 | 31990 | 52213 | 2430 | 4421 | 6851 | 801 | 2512 | 3313 |

Table 11.

Academic degrees conferred in AGRICULTURAL SCIENCE in the U.S. by degree level and sex: 1930-1977 (estimated)

| YEAR | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 71 | 3222 | 3293 | 5 | 601 | 606 | 0 | 44 | 44 |
| 1931 | 73 | 3328 | 3401 | 6 | 703 | 709 | 1 | 56 | 57 |
| 1932 | 74 | 3335 | 3409 | 7 | 765 | 772 | 2 | 58 | 60 |
| 1933 | 73 | 3309 | 3382 | 7 | 711 | 718 | 0 | 68 | 68 |
| 1934 | 72 | 3283 | 3355 | 8 | 637 | 645 | 0 | 73 | 73 |
| 1935 | 78 | 3495 | 3573 | 8 | 632 | 640 | 0 | 76 | 76 |
| 1936 | 83 | 3645 | 3728 | 8 | 627 | 635 | 0 | 56 | 56 |
| 1937 | 95 | 4046 | 4141 | 9 | 695 | 704 | 2 | 53 | 55 |
| 1938 | 103 | 4313 | 4416 | 10 | 758 | 768 | 1 | 57 | 58 |
| 1939 | 110 | 4584 | 4694 | 11 | 865 | 876 | 2 | 56 | 58 |
| 1940 | 115 | 4693 | 4808 | 13 | 960 | 973 | 0 | 82 | 82 |
| 1941 | 118 | 4469 | 4587 | 13 | 888 | 901 | 0 | 92 | 92 |
| 1942 | 120 | 4173 | 4293 | 13 | 830 | 843 | 0 | 93 | 93 |
| 1943 | 119 | 3018 | 3137 | 11 | 782 | 793 | 1 | 65 | 66 |
| 1944 | 119 | 2109 | 2228 | 10 | 776 | 786 | 0 | 49 | 49 |
| 1945 | 125 | 2175 | 2300 | 11 | 413 | 424 | 0 | 53 | 53 |
| 1946 | 133 | 2202 | 2335 | 13 | 549 | 562 | [illegible] | 38 | 38 |
| 1947 | 163 | 4322 | 4485 | 15 | 1094 | 1109 | 1 | 79 | 80 |
| 1948 | 177 | 5225 | 5402 | 18 | 829 | 847 | 3 | 164 | 167 |
| 1949 | 141 | 7768 | 7909 | 23 | 919 | 942 | 6 | 226 | 232 |
| 1950 | 142 | 10766 | 10908 | 10 | 1070 | 1080 | 4 | 312 | 316 |
| 1951 | 118 | 8924 | 9042 | 28 | 1150 | 1178 | 3 | 327 | 330 |
| 1952 | 144 | 9451 | 9595 | 30 | 1578 | 1608 | 10 | 402 | 412 |
| 1953 | 151 | 8674 | 8825 | 32 | 1438 | 1470 | 5 | 468 | 473 |
| 1954 | 145 | 7687 | 7832 | 23 | 1279 | 1302 | 7 | 508 | 515 |
| 1955 | 118 | 7052 | 7170 | 28 | 1336 | 1364 | 8 | 499 | 507 |
| 1956 | 111 | 5030 | 5141 | 16 | 823 | 839 | 6 | 339 | 345 |
| 1957 | 150 | 5340 | 5490 | 19 | 934 | 953 | 10 | 279 | 289 |
| 1958 | 91 | 5434 | 5525 | 12 | 937 | 949 | 6 | 303 | 309 |
| 1959 | 73 | 5348 | 5421 | 17 | 997 | 1014 | 7 | 336 | 343 |
| 1960 | 93 | 4805 | 4898 | 12 | 984 | 996 | 7 | 404 | 411 |
| 1961 | 68 | 4245 | 4313 | 26 | 1001 | 1027 | 4 | 404 | 408 |
| 1962 | 89 | 4378 | 4467 | 35 | 1072 | 1107 | 2 | 411 | 413 |
| 1963 | 109 | 4478 | 4587 | 28 | 1048 | 1076 | 8 | 400 | 408 |
| 1964 | 121 | 4626 | 4747 | 41 | 1104 | 1145 | 9 | 479 | 488 |
| 1965 | 168 | 5026 | 5194 | 34 | 1123 | 1157 | 13 | 465 | 478 |
| 1966 | 152 | 5578 | 5730 | 68 | 1295 | 1363 | 7 | 530 | 537 |
| 1967 | 174 | 6084 | 6258 | 71 | 1392 | 1463 | 12 | 552 | 564 |
| 1968 | 251 | 6491 | 6742 | 74 | 1418 | 1492 | 12 | 549 | 561 |
| 1969 | 389 | 7685 | 8074 | 93 | 1606 | 1699 | 12 | 593 | 605 |
| 1970 | 480 | 8712 | 9192 | 110 | 1370 | 1480 | 28 | 698 | 726 |
| 1971 | 528 | 11006 | 11531 | 130 | 1910 | 2040 | 28 | 846 | 874 |
| 1972 | 727 | 11761 | 12488 | 178 | 2102 | 2280 | 22 | 783 | 805 |
| 1973 | 1087 | 12751 | 13838 | 203 | 2188 | 2391 | 21 | 848 | 869 |
| 1974 | 1539 | 13586 | 15125 | 266 | 2258 | 2524 | 29 | 736 | 765 |
| 1975 | 2428 | 14103 | 16531 | 338 | 2349 | 2687 | 31 | 801 | 832 |
| 1976 | 3491 | 14798 | 18289 | 426 | 2458 | 2884 | 54 | 714 | 768 |
| 1977 | 4661 | 15538 | 20199 | 499 | 2740 | 3239 | 54 | 699 | 753 |
| 1978 | 5417 | 15610 | 21027 | 694 | 2790 | 3484 | 55 | 755 | 810 |

Table 12.
Academic degrees conferred in PSYCHOLOGY in the U.S. by degree level and sex:
1930-1977 (estimated)

| DATE | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 816 | 583 | 1399 | 70 | 130 | 200 | 26 | 87 | 113 |
| 1931 | 882 | 649 | 1531 | 79 | 153 | 232 | 32 | 102 | 134 |
| 1932 | 974 | 733 | 1707 | 87 | 183 | 270 | 31 | 88 | 119 |
| 1933 | 962 | 747 | 1709 | 84 | 181 | 265 | 24 | 78 | 102 |
| 1934 | 950 | 760 | 1710 | 82 | 179 | 261 | 30 | 106 | 136 |
| 1935 | 1027 | 824 | 1851 | 82 | 180 | 262 | 29 | 93 | 122 |
| 1936 | 1081 | 877 | 1958 | 83 | 180 | 263 | 30 | 84 | 114 |
| 1937 | 1229 | 989 | 2218 | 94 | 201 | 295 | 33 | 80 | 113 |
| 1938 | 1329 | 1072 | 4401 | 105 | 221 | 326 | 40 | 88 | 128 |
| 1939 | 1418 | 1163 | 2581 | 120 | 253 | 373 | 30 | 95 | 125 |
| 1940 | 1583 | 1304 | 1887 | 134 | 282 | 516 | 33 | 96 | 129 |
| 1941 | 1660 | 1290 | 2950 | 136 | 262 | 398 | 29 | 92 | 121 |
| 1942 | 1778 | 1295 | 3073 | 145 | 254 | 399 | 32 | 100 | 132 |
| 1943 | 1640 | 883 | 2523 | 128 | 165 | 293 | 31 | 63 | 94 |
| 1944 | 1509 | 579 | 2088 | 116 | 106 | 222 | 31 | 50 | 81 |
| 1945 | 1586 | 607 | 2193 | 132 | 134 | 266 | 29 | 43 | 72 |
| 1946 | 1667 | 621 | 2288 | 149 | 165 | 314 | 28 | 55 | 83 |
| 1947 | 2672 | 1827 | 4499 | 179 | 331 | 510 | 35 | 86 | 121 |
| 1948 | 3703 | 2892 | 6595 | 562 | 675 | 1237 | 37 | 157 | 194 |
| 1949 | 3772 | 4761 | 8533 | 618 | 891 | 1509 | 40 | 253 | 293 |
| 1950 | 3611 | 6143 | 9754 | 436 | 960 | 1396 | 55 | 352 | 407 |
| 1951 | 3004 | 4915 | 7919 | 475 | 1259 | 1734 | 62 | 435 | 497 |
| 1952 | 2851 | 3838 | 6689 | 437 | 1085 | 1522 | 79 | 536 | 615 |
| 1953 | 2634 | 3399 | 6033 | 370 | 924 | 1294 | 87 | 581 | 668 |
| 1954 | 2674 | 3095 | 5769 | 478 | 912 | 1390 | 77 | 635 | 712 |
| 1955 | 2518 | 3001 | 5519 | 528 | 901 | 1429 | 93 | 681 | 774 |
| 1956 | 2666 | 3608 | 6274 | 379 | 724 | 1103 | 90 | 601 | 691 |
| 1957 | 2746 | 3960 | 6706 | 426 | 789 | 1215 | 92 | 507 | 599 |
| 1958 | 2950 | 4507 | 7457 | 500 | 871 | 1371 | 90 | 541 | 631 |
| 1959 | 3032 | 4964 | 7996 | 502 | 890 | 1392 | 106 | 596 | 702 |
| 1960 | 3451 | 5217 | 8668 | 535 | 1004 | 1539 | 103 | 597 | 700 |
| 1961 | 3566 | 5370 | 8936 | 573 | 1119 | 1692 | 135 | 570 | 705 |
| 1962 | 3974 | 5465 | 9439 | 610 | 1293 | 1875 | 161 | 669 | 830 |
| 1963 | 4787 | 6812 | 11599 | 628 | 1308 | 1904 | 152 | 746 | 898 |
| 1964 | 5756 | 8244 | 14000 | 718 | 1330 | 2021 | 187 | 795 | 982 |
| 1965 | 6046 | 8733 | 14778 | 937 | 1722 | 2630 | 197 | 808 | 1005 |
| 1966 | 6996 | 10070 | 17066 | 1107 | 1948 | 3008 | 262 | 941 | 1203 |
| 1967 | 7823 | 11724 | 19547 | 1315 | 2488 | 3696 | 278 | 1112 | 1390 |
| 1968 | 10189 | 13915 | 24104 | 1597 | 2839 | 4329 | 337 | 1110 | 1447 |
| 1969 | 12763 | 16865 | 29628 | 1835 | 3338 | 5000 | 403 | 1365 | 1768 |
| 1970 | 14907 | 19353 | 34260 | 2201 | 3031 | 5198 | 459 | 1511 | 1970 |
| 1971 | 17151 | 21318 | 38469 | 2325 | 3399 | 5724 | 515 | 1629 | 2144 |
| 1972 | 20374 | 23488 | 43862 | 2833 | 3935 | 6768 | 583 | 1694 | 2277 |
| 1973 | 23090 | 25251 | 48341 | 3325 | 4345 | 7670 | 753 | 1797 | 2550 |
| 1974 | 26562 | 26012 | 52574 | 3826 | 4998 | 8824 | 885 | 1990 | 2875 |
| 1975 | 27266 | 24427 | 51693 | 4382 | 5050 | 9432 | 934 | 1979 | 2913 |
| 1976 | 27680 | 23053 | 50733 | 5079 | 5155 | 10234 | 1042 | 2115 | 3157 |
| 1977 | 27516 | 20766 | 48282 | 5582 | 5296 | 10878 | 1259 | 2127 | 3386 |
| 1978 | 26786 | 18591 | 45377 | 5634 | 4682 | 10316 | 1195 | 1979 | 3174 |

Table 13.
Academic degrees conferred in SOCIAL SCIENCES in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S Female | Male | Total | MASTER'S Female | Male | Total | DOCTORAL Female | Male | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1930 | 2563 | 5242 | 7805 | 76 | 314 | 390 | 20 | 187 | 207 |
| 1931 | 2691 | 5540 | 8231 | 82 | 378 | 460 | 25 | 231 | 256 |
| 1932 | 2829 | 5829 | 8658 | 93 | 415 | 508 | 32 | 237 | 269 |
| 1933 | 2807 | 5779 | 8586 | 92 | 412 | 504 | 37 | 223 | 260 |
| 1934 | 2785 | 5727 | 8512 | 80 | 391 | 471 | 17 | 229 | 246 |
| 1935 | 2925 | 5915 | 8840 | 80 | 379 | 459 | 21 | 190 | 211 |
| 1936 | 3037 | 6074 | 9111 | 80 | 378 | 458 | 25 | 200 | 225 |
| 1937 | 3341 | 6551 | 9892 | 89 | 409 | 498 | 35 | 218 | 253 |
| 1938 | 3595 | 6963 | 10558 | 98 | 437 | 535 | 35 | 226 | 261 |
| 1939 | 3816 | 7385 | 11201 | 109 | 487 | 596 | 37 | 230 | 267 |
| 1940 | 3676 | 7940 | 11616 | 121 | 545 | 666 | 23 | 262 | 285 |
| 1941 | 4333 | 7702 | 12035 | 123 | 507 | 630 | 37 | 305 | 342 |
| 1942 | 4584 | 7516 | 12100 | 128 | 476 | 604 | 35 | 269 | 304 |
| 1943 | 4470 | 5278 | 9748 | 114 | 311 | 425 | 30 | 171 | 201 |
| 1944 | 4349 | 3560 | 7909 | 104 | 216 | 320 | 21 | 145 | 166 |
| 1945 | 4542 | 3650 | 8192 | 121 | 253 | 374 | 23 | 124 | 147 |
| 1946 | 4754 | 3662 | 8416 | 143 | 331 | 474 | 28 | 168 | 196 |
| 1947 | 6468 | 10045 | 16513 | 171 | 657 | 828 | 28 | 266 | 294 |
| 1948 | 8356 | 15884 | 24240 | 491 | 2027 | 2518 | 41 | 301 | 342 |
| 1949 | 8123 | 22510 | 30633 | 483 | 2170 | 2653 | 44 | 440 | 484 |
| 1950 | 7413 | 27328 | 34741 | 531 | 2257 | 2788 | 52 | 493 | 545 |
| 1951 | 6955 | 21236 | 28191 | 416 | 2257 | 2673 | 63 | 600 | 663 |
| 1952 | 6874 | 17396 | 24270 | 354 | 1898 | 2252 | 62 | 569 | 631 |
| 1953 | 6364 | 15645 | 22009 | 341 | 1710 | 2051 | 49 | 606 | 655 |
| 1954 | 6221 | 15201 | 21422 | 323 | 1672 | 1995 | 64 | 676 | 740 |
| 1955 | 6046 | 14782 | 20828 | 356 | 1619 | 1975 | 55 | 674 | 729 |
| 1956 | 6280 | 15155 | 21435 | 344 | 1646 | 1990 | 69 | 753 | 822 |
| 1957 | 6440 | 16120 | 22560 | 427 | 1816 | 2243 | 55 | 700 | 755 |
| 1958 | 6429 | 17106 | 23535 | 402 | 2009 | 2411 | 72 | 725 | 797 |
| 1959 | 6635 | 17616 | 24251 | 424 | 2079 | 2503 | 80 | 710 | 790 |
| 1960 | 6980 | 17588 | 24568 | 394 | 2187 | 2581 | 83 | 784 | 867 |
| 1961 | 7294 | 18739 | 26033 | 421 | 2380 | 2801 | 84 | 849 | 933 |
| 1962 | 8322 | 20301 | 28623 | 538 | 2590 | 3128 | 76 | 864 | 940 |
| 1963 | 9598 | 22922 | 32520 | 612 | 3037 | 3649 | 103 | 953 | 1056 |
| 1964 | 11671 | 26717 | 38388 | 666 | 3205 | 3871 | 98 | 1063 | 1161 |
| 1965 | 13345 | 29378 | 42723 | 834 | 3568 | 4402 | 97 | 1192 | 1289 |
| 1966 | 15273 | 32739 | 48012 | 1060 | 4242 | 5302 | 136 | 1275 | 1411 |
| 1967 | 17594 | 37314 | 54908 | 1236 | 5087 | 6323 | 196 | 1506 | 1702 |
| 1968 | 21666 | 43741 | 65407 | 1441 | 5581 | 7022 | 222 | 1719 | 1941 |
| 1969 | 25426 | 51068 | 76494 | 1692 | 6214 | 7906 | 256 | 1896 | 2152 |
| 1970 | 27738 | 55664 | 83402 | 2026 | 6067 | 8093 | 302 | 2220 | 2522 |
| 1971 | 31097 | 58418 | 89515 | 2106 | 6480 | 8586 | 388 | 2456 | 2844 |
| 1972 | 31527 | 61039 | 92566 | 2276 | 7059 | 9335 | 399 | 2630 | 3029 |
| 1973 | 32782 | 62138 | 94920 | 2319 | 7017 | 9336 | 498 | 2721 | 3219 |
| 1974 | 33837 | 61881 | 95718 | 2497 | 7127 | 9624 | 576 | 2603 | 3179 |
| 1975 | 32368 | 56493 | 88861 | 2580 | 6957 | 9537 | 616 | 2576 | 3192 |
| 1976 | 31141 | 53145 | 84286 | 2720 | 6566 | 9286 | 693 | 2523 | 3216 |
| 1977 | 31027 | 48570 | 79597 | 2805 | 6499 | 9304 | 660 | 2407 | 3067 |
| 1978 | 31579 | 46148 | 77727 | 2725 | 5913 | 8638 | 692 | 2202 | 2894 |

Table 14.
Academic degrees conferred in INTERDISCIPLINARY STUDIES in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1931 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1932 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1933 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1935 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1936 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1938 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1939 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1940 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1941 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1942 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1943 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1944 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1945 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1946 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1947 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1948 | 240 | 1273 | 1513 | 7 | 22 | 29 | 0 | 0 | 0 |
| 1949 | 800 | 5173 | 5973 | 123 | 463 | 586 | 1 | 11 | 12 |
| 1950 | 1076 | 5604 | 6680 | 47 | 379 | 426 | 1 | 29 | 30 |
| 1951 | 725 | 4603 | 5328 | 36 | 394 | 430 | 0 | 16 | 16 |
| 1952 | 740 | 3700 | 4440 | 38 | 231 | 269 | 0 | 11 | 11 |
| 1953 | 579 | 2724 | 3303 | 32 | 175 | 207 | 1 | 3 | 4 |
| 1954 | 748 | 3638 | 4386 | 12 | 83 | 95 | 4 | 32 | 36 |
| 1955 | 601 | 3106 | 3707 | 20 | 97 | 117 | 0 | 4 | 4 |
| 1956 | 308 | 899 | 1207 | 9 | 61 | 70 | 0 | 0 | 0 |
| 1957 | 278 | 1138 | 1416 | 15 | 81 | 96 | 0 | 5 | 5 |
| 1958 | 396 | 1496 | 1892 | 39 | 184 | 223 | 0 | 0 | 0 |
| 1959 | 406 | 1539 | 1945 | 85 | 267 | 352 | 0 | 6 | 6 |
| 1960 | 436 | 1715 | 2151 | 74 | 320 | 394 | 0 | 2 | 2 |
| 1961 | 487 | 1533 | 2020 | 85 | 402 | 487 | 0 | 3 | 3 |
| 1962 | 555 | 1736 | 2291 | 89 | 584 | 673 | 0 | 1 | 1 |
| 1963 | 671 | 1849 | 2520 | 97 | 439 | 536 | 0 | 4 | 4 |
| 1964 | 631 | 1955 | 2586 | 94 | 622 | 716 | 0 | 1 | 1 |
| 1965 | 705 | 2063 | 2768 | 151 | 857 | 1008 | 3 | 14 | 17 |
| 1966 | 690 | 1930 | 2620 | 160 | 605 | 765 | 2 | 9 | 11 |
| 1967 | 720 | 1806 | 2526 | 161 | 540 | 701 | 0 | 7 | 7 |
| 1968 | 875 | 2002 | 2877 | 233 | 758 | 991 | 1 | 10 | 11 |
| 1969 | 941 | 2221 | 3162 | 248 | 723 | 971 | 3 | 26 | 29 |
| 1970 | 864 | 2220 | 3084 | 251 | 697 | 948 | 2 | 17 | 19 |
| 1971 | 708 | 3367 | 4075 | 119 | 429 | 548 | 1 | 31 | 32 |
| 1972 | 829 | 2839 | 3668 | 132 | 449 | 581 | 6 | 61 | 67 |
| 1973 | 663 | 2543 | 3206 | 122 | 521 | 643 | 12 | 93 | 105 |
| 1974 | 928 | 3610 | 4538 | 145 | 572 | 717 | 3 | 40 | 43 |
| 1975 | 982 | 3220 | 4202 | 122 | 514 | 636 | 9 | 72 | 81 |
| 1976 | 1305 | 3134 | 4439 | 111 | 356 | 467 | 9 | 45 | 54 |
| 1977 | 1271 | 3061 | 4332 | 132 | 1104 | 1236 | 10 | 49 | 59 |
| 1978 | 1332 | 2755 | 4087 | 133 | 1209 | 1342 | 16 | 45 | 61 |

Table 15

Academic degrees conferred in ENGINEERING in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 152 | 10332 | 10484 | 11 | 656 | 667 | 0 | 71 | 71 |
| 1931 | 165 | 11087 | 11252 | 13 | 765 | 778 | 3 | 72 | 75 |
| 1932 | 185 | 12083 | 12268 | 15 | 911 | 926 | 0 | 73 | 73 |
| 1933 | 186 | 11922 | 12108 | 14 | 879 | 893 | 0 | 100 | 100 |
| 1934 | 185 | 11762 | 11947 | 13 | 854 | 867 | 0 | 123 | 123 |
| 1935 | 188 | 11393 | 11581 | 14 | 841 | 855 | 0 | 116 | 116 |
| 1936 | 193 | 11317 | 11510 | 14 | 829 | 843 | 1 | 70 | 71 |
| 1937 | 207 | 11469 | 11676 | 14 | 835 | 849 | 1 | 92 | 93 |
| 1938 | 231 | 12230 | 12461 | 16 | 868 | 884 | 0 | 72 | 72 |
| 1939 | 261 | 12959 | 13220 | 18 | 902 | 920 | 1 | 65 | 66 |
| 1940 | 293 | 14499 | 14792 | 21 | 1000 | 1021 | 1 | 105 | 106 |
| 1941 | 329 | 14624 | 14953 | 24 | 920 | 944 | 0 | 118 | 118 |
| 1942 | 378 | 15100 | 15478 | 26 | 899 | 925 | 0 | 93 | 93 |
| 1943 | 418 | 11775 | 12193 | 24 | 598 | 622 | 0 | 53 | 53 |
| 1944 | 473 | 9048 | 9521 | 24 | 406 | 430 | 0 | 74 | 74 |
| 1945 | 511 | 9320 | 9831 | 31 | 586 | 617 | 1 | 76 | 77 |
| 1946 | 559 | 9484 | 10043 | 43 | 855 | 898 | 0 | 100 | 100 |
| 1947 | 622 | 20731 | 21353 | 53 | 1688 | 1741 | 0 | 115 | 115 |
| 1948 | 682 | 30482 | 31164 | 84 | 3992 | 4076 | 1 | 263 | 264 |
| 1949 | 699 | 42804 | 43503 | 110 | 4412 | 4522 | 4 | 362 | 366 |
| 1950 | 741 | 50956 | 51697 | 96 | 4098 | 4194 | 3 | 423 | 426 |
| 1951 | 666 | 40659 | 41325 | 100 | 4614 | 4714 | 3 | 526 | 529 |
| 1952 | 646 | 29882 | 30528 | 102 | 3855 | 3957 | 5 | 531 | 536 |
| 1953 | 633 | 23617 | 24250 | 91 | 3409 | 3500 | 5 | 523 | 528 |
| 1954 | 664 | 21818 | 22482 | 91 | 3845 | 3936 | 2 | 597 | 599 |
| 1955 | 660 | 21987 | 22647 | 105 | 4130 | 4235 | 5 | 598 | 603 |
| 1956 | 478 | 25557 | 26035 | 75 | 4383 | 4458 | 2 | 608 | 610 |
| 1957 | 463 | 30543 | 31006 | 66 | 4853 | 4919 | 3 | 586 | 589 |
| 1958 | 548 | 34572 | 35120 | 93 | 5313 | 5406 | 5 | 642 | 647 |
| 1959 | 502 | 37127 | 37629 | 82 | 6181 | 6263 | 6 | 709 | 715 |
| 1960 | 546 | 36969 | 37515 | 99 | 6696 | 6795 | 8 | 774 | 782 |
| 1961 | 572 | 35470 | 36042 | 103 | 7728 | 7831 | 10 | 934 | 944 |
| 1962 | 562 | 34223 | 34785 | 116 | 8406 | 8522 | 7 | 1187 | 1194 |
| 1963 | 542 | 33147 | 33689 | 114 | 9032 | 9146 | 17 | 1351 | 1368 |
| 1964 | 711 | 34870 | 35581 | 107 | 10018 | 10125 | 10 | 1666 | 1676 |
| 1965 | 696 | 36367 | 37063 | 125 | 11042 | 11167 | 12 | 2068 | 2080 |
| 1966 | 751 | 35684 | 36435 | 166 | 12450 | 12616 | 13 | 2261 | 2274 |
| 1967 | 881 | 36388 | 37269 | 153 | 12589 | 12742 | 17 | 2546 | 2563 |
| 1968 | 1469 | 38541 | 40010 | 251 | 13964 | 14215 | 18 | 2852 | 2870 |
| 1969 | 1817 | 43360 | 45177 | 327 | 14116 | 14443 | 29 | 3276 | 3305 |
| 1970 | 1681 | 46408 | 48089 | 295 | 13807 | 14102 | 32 | 3546 | 3578 |
| 1971 | 361 | 44848 | 45209 | 185 | 16138 | 16323 | 23 | 3634 | 3657 |
| 1972 | 492 | 45201 | 45693 | 271 | 16458 | 16729 | 24 | 3627 | 3651 |
| 1973 | 576 | 46115 | 46691 | 284 | 16269 | 16553 | 56 | 3427 | 3483 |
| 1974 | 695 | 42440 | 43135 | 352 | 14810 | 15162 | 58 | 3284 | 3342 |
| 1975 | 845 | 38961 | 39806 | 371 | 14767 | 15138 | 64 | 3042 | 3106 |
| 1976 | 1317 | 37457 | 38774 | 568 | 15453 | 16021 | 68 | 2742 | 2810 |
| 1977 | 2044 | 39285 | 41329 | 697 | 15270 | 15967 | 76 | 2512 | 2588 |
| 1978 | 3479 | 43743 | 47222 | 840 | 15209 | 16049 | 57 | 2380 | 2437 |

Table 16.
Academic degrees conferred in CHEMICAL ENGINEERING in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 21 | 1804 | 1825 | 2 | 203 | 205 | 0 | 38 | 38 |
| 1931 | 22 | 1915 | 1937 | 2 | 235 | 237 | 1 | 38 | 39 |
| 1932 | 24 | 2064 | 2088 | 3 | 277 | 280 | 0 | 38 | 38 |
| 1933 | 24 | 2013 | 2037 | 2 | 264 | 266 | 0 | 51 | 51 |
| 1934 | 23 | 1962 | 1985 | 2 | 255 | 257 | 0 | 63 | 63 |
| 1935 | 23 | 1877 | 1900 | 2 | 248 | 250 | 0 | 58 | 58 |
| 1936 | 23 | 1840 | 1863 | 2 | 242 | 244 | 0 | 35 | 35 |
| 1937 | 23 | 1839 | 1862 | 2 | 241 | 243 | 0 | 45 | 45 |
| 1938 | 25 | 1933 | 1958 | 2 | 247 | 249 | 0 | 35 | 35 |
| 1939 | 27 | 2018 | 2045 | 2 | 254 | 256 | 0 | 31 | 31 |
| 1940 | 30 | 2222 | 2252 | 3 | 278 | 281 | 0 | 50 | 50 |
| 1941 | 33 | 2205 | 2238 | 3 | 253 | 256 | 0 | 56 | 56 |
| 1942 | 36 | 2237 | 2273 | 3 | 243 | 246 | 0 | 43 | 43 |
| 1943 | 39 | 1713 | 1752 | 3 | 160 | 163 | 0 | 24 | 24 |
| 1944 | 42 | 1291 | 1333 | 3 | 107 | 110 | 0 | 34 | 34 |
| 1945 | 44 | 1303 | 1347 | 3 | 152 | 155 | 0 | 34 | 34 |
| 1946 | 46 | 1298 | 1344 | 4 | 218 | 222 | 0 | 44 | 44 |
| 1947 | 55 | 2817 | 2872 | 5 | 415 | 430 | 0 | 50 | 50 |
| 1948 | 65 | 4134 | 4199 | 0 | 1086 | 1086 | 0 | 102 | 102 |
| 1949 | 23 | 4971 | 4994 | 2 | 918 | 920 | 1 | 163 | 164 |
| 1950 | 36 | 5458 | 5494 | 1 | 854 | 855 | 1 | 203 | 204 |
| 1951 | 22 | 4666 | 4688 | 2 | 987 | 989 | 0 | 202 | 202 |
| 1952 | 9 | 3588 | 3597 | 6 | 740 | 746 | 0 | 203 | 203 |
| 1953 | 5 | 2909 | 2914 | 3 | 547 | 550 | 0 | 177 | 177 |
| 1954 | 13 | 2649 | 2662 | 4 | 621 | 625 | 0 | 204 | 204 |
| 1955 | 13 | 2549 | 2562 | 1 | 634 | 635 | 0 | 217 | 217 |
| 1956 | 24 | 3021 | 3045 | 5 | 709 | 714 | 0 | 222 | 222 |
| 1957 | 22 | 3501 | 3523 | 1 | 770 | 771 | 1 | 212 | 213 |
| 1958 | 29 | 3808 | 3837 | 6 | 764 | 770 | 1 | 200 | 201 |
| 1959 | 25 | 4007 | 4032 | 4 | 830 | 834 | 0 | 214 | 214 |
| 1960 | 38 | 3779 | 3817 | 12 | 845 | 857 | 0 | 247 | 247 |
| 1961 | 28 | 3723 | 3751 | 4 | 896 | 900 | 0 | 262 | 262 |
| 1962 | 25 | 3480 | 3505 | 11 | 935 | 946 | 2 | 313 | 315 |
| 1963 | 32 | 3587 | 4619 | 9 | 1064 | 1073 | 2 | 345 | 347 |
| 1964 | 37 | 3855 | 3892 | 7 | 1095 | 1102 | 1 | 386 | 387 |
| 1965 | 35 | 3916 | 3951 | 7 | 1166 | 1173 | 3 | 542 | 545 |
| 1966 | 30 | 3599 | 3629 | 10 | 1357 | 1367 | 3 | 514 | 517 |
| 1967 | 36 | 3660 | 3696 | 8 | 1349 | 1357 | 2 | 502 | 504 |
| 1968 | 43 | 3985 | 4028 | 16 | 1556 | 1572 | 5 | 554 | 559 |
| 1969 | 63 | 4402 | 4465 | 15 | 1530 | 1545 | 4 | 623 | 627 |
| 1970 | 67 | 4603 | 4670 | 23 | 1423 | 1446 | 6 | 680 | 686 |
| 1971 | 76 | 4416 | 4492 | 33 | 1503 | 1536 | 4 | 653 | 657 |
| 1972 | 92 | 4462 | 4554 | 39 | 1604 | 1643 | 4 | 632 | 636 |
| 1973 | 105 | 4396 | 4501 | 32 | 1566 | 1598 | 9 | 649 | 658 |
| 1974 | 148 | 4116 | 4264 | 44 | 1493 | 1537 | 13 | 619 | 632 |
| 1975 | 176 | 3659 | 3835 | 41 | 1420 | 1461 | 10 | 546 | 556 |
| 1976 | 319 | 3572 | 3891 | 67 | 1415 | 1482 | 17 | 500 | 517 |
| 1977 | 488 | 3803 | 4291 | 87 | 1458 | 1545 | 18 | 477 | 495 |
| 1978 | 820 | 4601 | 5421 | 122 | 1590 | 1712 | 12 | 455 | 467 |

Table 17.
Academic degrees conferred in CIVIL ENGINEERING in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S Female | Male | Total | MASTER'S Female | Male | Total | DOCTORAL Female | Male | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1930 | 6 | 1977 | 1983 | 0 | 90 | 90 | 0 | 4 | 4 |
| 1931 | 6 | 2123 | 2129 | 0 | 105 | 105 | 0 | 4 | 4 |
| 1932 | 7 | 2314 | 2321 | 0 | 125 | 125 | 0 | 4 | 4 |
| 1933 | 7 | 2284 | 2291 | 0 | 121 | 121 | 0 | 6 | 6 |
| 1934 | 7 | 2254 | 2261 | 0 | 118 | 118 | 0 | 7 | 7 |
| 1935 | 7 | 2184 | 2191 | 0 | 116 | 116 | 0 | 7 | 7 |
| 1936 | 7 | 2171 | 2178 | 0 | 115 | 115 | 0 | 4 | 4 |
| 1937 | 7 | 2201 | 2208 | 0 | 116 | 116 | 0 | 6 | 6 |
| 1938 | 8 | 2348 | 2356 | 0 | 121 | 121 | 0 | 5 | 5 |
| 1939 | 8 | 2489 | 2497 | 0 | 126 | 126 | 0 | 4 | 4 |
| 1940 | 10 | 2786 | 2796 | 0 | 140 | 140 | 0 | 7 | 7 |
| 1941 | 11 | 2811 | 2822 | 1 | 129 | 130 | 0 | 8 | 8 |
| 1942 | 12 | 2904 | 2916 | 1 | 127 | 128 | 0 | 7 | 7 |
| 1943 | 13 | 2266 | 2279 | 0 | 84 | 84 | 0 | 4 | 4 |
| 1944 | 14 | 1742 | 1756 | 0 | 57 | 57 | 0 | 5 | 5 |
| 1945 | 15 | 1795 | 1810 | 0 | 83 | 83 | 0 | 6 | 6 |
| 1946 | 16 | 1828 | 1844 | 0 | 122 | 122 | 0 | 8 | 8 |
| 1947 | 24 | 3668 | 3692 | 1 | 242 | 243 | 0 | 9 | 9 |
| 1948 | 31 | 5250 | 5281 | 2 | 723 | 725 | 0 | 36 | 36 |
| 1949 | 21 | 7402 | 7423 | 3 | 857 | 860 | 0 | 32 | 32 |
| 1950 | 26 | 9318 | 9344 | 3 | 790 | 793 | 0 | 29 | 29 |
| 1951 | 12 | 8766 | 8778 | 1 | 762 | 763 | 0 | 57 | 57 |
| 1952 | 15 | 6595 | 6610 | 1 | 718 | 719 | 0 | 52 | 52 |
| 1953 | 11 | 5386 | 5397 | 1 | 652 | 653 | 0 | 44 | 44 |
| 1954 | 14 | 4751 | 4765 | 3 | 699 | 702 | 0 | 56 | 56 |
| 1955 | 11 | 4472 | 4483 | 3 | 849 | 852 | 0 | 42 | 42 |
| 1956 | 14 | 4842 | 4856 | 3 | 955 | 958 | 0 | 76 | 76 |
| 1957 | 11 | 5414 | 5425 | 4 | 1011 | 1015 | 0 | 60 | 60 |
| 1958 | 17 | 5858 | 5875 | 1 | 927 | 928 | 0 | 86 | 86 |
| 1959 | 26 | 6197 | 6223 | 7 | 1093 | 1100 | 0 | 90 | 90 |
| 1960 | 18 | 6049 | 6067 | 2 | 1253 | 1255 | 1 | 90 | 97 |
| 1961 | 29 | 6108 | 6137 | 1 | 1423 | 1424 | 2 | 144 | 146 |
| 1962 | 29 | 5860 | 5889 | 9 | 1469 | 1478 | 0 | 169 | 169 |
| 1963 | 21 | 5406 | 5427 | 5 | 1614 | 1619 | 2 | 167 | 169 |
| 1964 | 29 | 5650 | 5679 | 8 | 1825 | 1833 | 2 | 261 | 263 |
| 1965 | 18 | 5857 | 5875 | 10 | 1960 | 1970 | 2 | 292 | 294 |
| 1966 | 23 | 5950 | 5973 | 9 | 2324 | 2333 | 1 | 343 | 344 |
| 1967 | 29 | 5806 | 5835 | 22 | 2341 | 2363 | 1 | 361 | 362 |
| 1968 | 32 | 6148 | 6180 | 18 | 2571 | 2589 | 0 | 452 | 452 |
| 1969 | 49 | 6668 | 6717 | 21 | 2564 | 2585 | 2 | 458 | 460 |
| 1970 | 56 | 7265 | 7321 | 30 | 2614 | 2644 | 3 | 507 | 510 |
| 1971 | 61 | 7382 | 7443 | 45 | 2790 | 2835 | 3 | 550 | 553 |
| 1972 | 78 | 7627 | 7705 | 48 | 2998 | 3046 | 4 | 517 | 521 |
| 1973 | 92 | 8414 | 8506 | 63 | 3303 | 3366 | 14 | 494 | 508 |
| 1974 | 149 | 9006 | 9155 | 87 | 3311 | 3398 | 7 | 468 | 475 |
| 1975 | 177 | 8529 | 8706 | 107 | 3296 | 3403 | 12 | 451 | 463 |
| 1976 | 290 | 8615 | 8905 | 156 | 3595 | 3751 | 15 | 438 | 453 |
| 1977 | 507 | 8891 | 9398 | 188 | 3565 | 3753 | 9 | 373 | 382 |
| 1978 | 782 | 9669 | 10451 | 206 | 3164 | 3370 | 11 | 339 | 350 |

Table 18.
Academic degrees conferred in ELECTRICAL ENGINEERING in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 10 | 2261 | 2271 | 0 | 177 | 177 | 0 | 7 | 7 |
| 1931 | 11 | 2432 | 2443 | 1 | 207 | 208 | 0 | 8 | 8 |
| 1932 | 12 | 2657 | 2669 | 1 | 248 | 249 | 0 | 8 | 8 |
| 1933 | 12 | 2628 | 2640 | 1 | 240 | 241 | 0 | 11 | 11 |
| 1934 | 11 | 2600 | 2611 | 0 | 234 | 234 | 0 | 14 | 14 |
| 1935 | 11 | 2525 | 2536 | 1 | 232 | 233 | 0 | 14 | 14 |
| 1936 | 11 | 2515 | 2526 | 0 | 229 | 229 | 0 | 9 | 9 |
| 1937 | 12 | 2556 | 2568 | 0 | 232 | 232 | 0 | 12 | 12 |
| 1938 | 13 | 2734 | 2747 | 0 | 242 | 242 | 0 | 9 | 9 |
| 1939 | 13 | 2905 | 2918 | 1 | 253 | 254 | 0 | 9 | 9 |
| 1940 | 15 | 3261 | 3276 | 0 | 282 | 282 | 0 | 14 | 14 |
| 1941 | 16 | 3299 | 3315 | 1 | 260 | 261 | 0 | 16 | 16 |
| 1942 | 18 | 3418 | 3436 | 1 | 256 | 257 | 0 | 13 | 13 |
| 1943 | 19 | 2674 | 2693 | 1 | 171 | 172 | 0 | 8 | 8 |
| 1944 | 21 | 2062 | 2083 | 1 | 116 | 117 | 0 | 11 | 11 |
| 1945 | 22 | 2132 | 2154 | 1 | 169 | 170 | 0 | 11 | 11 |
| 1946 | 23 | 2177 | 2200 | 1 | 249 | 250 | 0 | 15 | 15 |
| 1947 | 26 | 4597 | 4623 | 1 | 498 | 499 | 0 | 18 | 18 |
| 1948 | 28 | 6688 | 6716 | 2 | 742 | 744 | 0 | 29 | 29 |
| 1949 | 26 | 11016 | 11042 | 4 | 987 | 991 | 0 | 65 | 65 |
| 1950 | 39 | 13231 | 13270 | 2 | 1055 | 1057 | 0 | 80 | 80 |
| 1951 | 11 | 9477 | 9488 | 0 | 1114 | 1114 | 0 | 113 | 113 |
| 1952 | 7 | 6446 | 6453 | 3 | 1005 | 1008 | 3 | 117 | 120 |
| 1953 | 7 | 4892 | 4899 | 1 | 879 | 880 | 1 | 131 | 132 |
| 1954 | 10 | 4494 | 4504 | 1 | 983 | 984 | 0 | 112 | 112 |
| 1955 | 13 | 4847 | 4860 | 2 | 1072 | 1074 | 0 | 141 | 141 |
| 1956 | 11 | 6211 | 6222 | 3 | 1158 | 1161 | 0 | 136 | 136 |
| 1957 | 11 | 8097 | 8108 | 2 | 1310 | 1312 | 0 | 130 | 130 |
| 1958 | 19 | 9548 | 9567 | 5 | 1565 | 1570 | 1 | 143 | 144 |
| 1959 | 30 | 10756 | 10786 | 6 | 1840 | 1846 | 0 | 189 | 189 |
| 1960 | 32 | 10599 | 10631 | 4 | 1989 | 1993 | 1 | 202 | 203 |
| 1961 | 25 | 10175 | 10200 | 4 | 2410 | 2414 | 1 | 249 | 250 |
| 1962 | 34 | 10229 | 10263 | 10 | 2691 | 2701 | 1 | [illegible] | 295 |
| 1963 | 31 | 10362 | 10393 | 9 | 2807 | 2816 | 2 | 384 | 386 |
| 1964 | 33 | 11228 | 11261 | 6 | 3157 | 3163 | 2 | 458 | 460 |
| 1965 | 36 | 11699 | 11735 | 7 | 3499 | 3506 | 2 | 510 | 512 |
| 1966 | 29 | 10979 | 11008 | 22 | 3850 | 3872 | 2 | 567 | 569 |
| 1967 | 42 | 10807 | 10849 | 11 | 3943 | 3954 | 0 | 668 | 668 |
| 1968 | 43 | 10687 | 10730 | 22 | 4205 | 4227 | 0 | 723 | 723 |
| 1969 | 66 | 11629 | 11695 | 22 | 4011 | 4033 | 4 | 858 | 882 |
| 1970 | 68 | 12220 | 12288 | 29 | 4109 | 4138 | 3 | 879 | 882 |
| 1971 | 76 | 12212 | 12288 | 30 | 4252 | 4282 | 3 | 876 | 879 |
| 1972 | 82 | 12099 | 12181 | 52 | 4157 | 4209 | 3 | 821 | 824 |
| 1973 | 158 | 12219 | 12377 | 49 | 3850 | 3899 | 9 | 782 | 791 |
| 1974 | 117 | 11302 | 11419 | 55 | 3444 | 3499 | 8 | 697 | 705 |
| 1975 | 130 | 10116 | 10246 | 58 | 3413 | 3471 | 11 | 690 | 701 |
| 1976 | 193 | 9681 | 9874 | 104 | 3670 | 3774 | 14 | 635 | 649 |
| 1977 | 268 | 9750 | 10018 | 134 | 3654 | 3788 | 18 | 548 | 566 |
| 1978 | 435 | 10778 | 11213 | 142 | 3600 | 3742 | 13 | 490 | 503 |

Table 19.
Academic degrees conferred in MECHANICAL ENGINEERING in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S Female | Male | Total | MASTER'S Female | Male | Total | DOCTORAL Female | Male | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1930 | 22 | 3155 | 3177 | 1 | 135 | 136 | 0 | 16 | 16 |
| 1931 | 23 | 3391 | 3414 | 1 | 157 | 158 | 0 | 16 | 16 |
| 1932 | 25 | 3701 | 3726 | 1 | 188 | 189 | 0 | 16 | 16 |
| 1933 | 25 | 3658 | 3683 | 1 | 183 | 184 | 0 | 22 | 22 |
| 1934 | 24 | 3614 | 3638 | 1 | 178 | 179 | 0 | 26 | 26 |
| 1935 | 23 | 3507 | 3530 | 1 | 176 | 177 | 0 | 25 | 25 |
| 1936 | 23 | 3489 | 3512 | 1 | 174 | 175 | 0 | 15 | 15 |
| 1937 | 24 | 3542 | 3566 | 1 | 176 | 177 | 0 | 19 | 19 |
| 1938 | 26 | 3784 | 3810 | 1 | 184 | 185 | 0 | 15 | 15 |
| 1939 | 38 | 4017 | 4045 | 1 | 192 | 193 | 0 | 14 | 14 |
| 1940 | 31 | 4503 | 4534 | 2 | 213 | 215 | 0 | 22 | 22 |
| 1941 | 34 | 4551 | 4585 | 2 | 197 | 199 | 0 | 24 | 24 |
| 1942 | 38 | 4709 | 4747 | 2 | 193 | 195 | 0 | 19 | 19 |
| 1943 | 40 | 3680 | 3720 | 2 | 129 | 131 | 0 | 11 | 11 |
| 1944 | 44 | 2834 | 2878 | 2 | 89 | 91 | 0 | 15 | 15 |
| 1945 | 45 | 2925 | 2970 | 2 | 128 | 130 | 0 | 15 | 15 |
| 1946 | 47 | 2984 | 3031 | 3 | 187 | 190 | 0 | 20 | 20 |
| 1947 | 46 | 7189 | 7235 | 3 | 373 | 376 | 0 | 23 | 23 |
| 1948 | 44 | 10861 | 10905 | 2 | 1006 | 1008 | 0 | 58 | 58 |
| 1949 | 57 | 14262 | 14319 | 7 | 1170 | 1177 | 0 | 52 | 52 |
| 1950 | 41 | 16206 | 16247 | 4 | 1183 | 1187 | 0 | 69 | 69 |
| 1951 | 24 | 12373 | 12397 | 4 | 1279 | 1283 | 1 | 92 | 93 |
| 1952 | 19 | 8921 | 8940 | 4 | 928 | 932 | 0 | 97 | 97 |
| 1953 | 9 | 6846 | 6855 | 1 | 897 | 898 | 0 | 116 | 116 |
| 1954 | 10 | 6395 | 6405 | 1 | 996 | 997 | 0 | 116 | 116 |
| 1955 | 12 | 6794 | 6806 | 3 | 1003 | 1006 | 0 | 102 | 102 |
| 1956 | 13 | 7919 | 7932 | 5 | 1017 | 1022 | 0 | 97 | 97 |
| 1957 | 20 | 9287 | 9307 | 5 | 1131 | 1136 | 0 | 101 | 101 |
| 1958 | 26 | 10634 | 10660 | 1 | 1314 | 1315 | 1 | 101 | 102 |
| 1959 | 18 | 11414 | 11432 | 2 | 1487 | 1489 | 1 | 107 | 108 |
| 1960 | 27 | 11563 | 11590 | 4 | 1602 | 1606 | 1 | 131 | 132 |
| 1961 | 27 | 10608 | 10635 | 8 | 1911 | 1919 | 1 | 151 | 152 |
| 1962 | 19 | 10198 | 10217 | 5 | 2064 | 2069 | 0 | 213 | 213 |
| 1963 | 27 | 9224 | 9251 | 4 | 2305 | 2309 | 3 | 232 | 235 |
| 1964 | 26 | 9470 | 9496 | 6 | 2607 | 2613 | 1 | 272 | 273 |
| 1965 | 24 | 10147 | 10171 | 12 | 2813 | 2825 | 1 | 359 | 360 |
| 1966 | 24 | 9857 | 9881 | 13 | 3008 | 3021 | 1 | 402 | 403 |
| 1967 | 34 | 10165 | 10199 | 9 | 3030 | 3039 | 1 | 501 | 502 |
| 1968 | 44 | 10353 | 10397 | 12 | 3046 | 3058 | 2 | 559 | 561 |
| 1969 | 59 | 11435 | 11494 | 16 | 3254 | 3270 | 0 | 634 | 634 |
| 1970 | 59 | 12317 | 12376 | 17 | 3126 | 3143 | 2 | 655 | 657 |
| 1971 | 59 | 11717 | 11776 | 11 | 3015 | 3026 | 3 | 665 | 668 |
| 1972 | 69 | 10989 | 11058 | 27 | 2994 | 3021 | 1 | 613 | 614 |
| 1973 | 80 | 10530 | 10610 | 21 | 2756 | 2777 | 4 | 543 | 547 |
| 1974 | 84 | 9242 | 9326 | 31 | 2425 | 2456 | 9 | 552 | 561 |
| 1975 | 108 | 8434 | 8542 | 22 | 2384 | 2406 | 6 | 511 | 517 |
| 1976 | 177 | 8075 | 8252 | 38 | 2450 | 2488 | 4 | 444 | 448 |
| 1977 | 265 | 9014 | 9279 | 57 | 2368 | 2425 | 7 | 400 | 407 |
| 1978 | 531 | 10146 | 10677 | 69 | 2360 | 2429 | 8 | 389 | 397 |

Table 20.
Academic degrees conferred in MINING ENGINEERING in the U.S. by degree level and sex: 1930-1977 (estimated)

| DATE | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 2 | 469 | 471 | 0 | 21 | 21 | 0 | 0 | 0 |
| 1931 | 2 | 500 | 502 | 0 | 25 | 25 | 0 | 0 | 0 |
| 1932 | 3 | 542 | 545 | 0 | 29 | 29 | 0 | 0 | 0 |
| 1933 | 2 | 531 | 533 | 0 | 28 | 28 | 0 | 1 | 1 |
| 1934 | 2 | 521 | 523 | 0 | 27 | 27 | 0 | 1 | 1 |
| 1935 | 2 | 501 | 503 | 0 | 26 | 26 | 0 | 1 | 1 |
| 1936 | 2 | 494 | 496 | 0 | 26 | 26 | 0 | 0 | 0 |
| 1937 | 3 | 497 | 500 | 0 | 26 | 26 | 0 | 1 | 1 |
| 1938 | 3 | 526 | 529 | 0 | 27 | 27 | 0 | 1 | 1 |
| 1939 | 3 | 553 | 556 | 0 | 28 | 28 | 0 | 0 | 0 |
| 1940 | 3 | 613 | 616 | 0 | 31 | 31 | 0 | 1 | 1 |
| 1941 | 4 | 613 | 617 | 0 | 28 | 28 | 0 | 1 | 1 |
| 1942 | 4 | 627 | 631 | 0 | 27 | 27 | 0 | 1 | 1 |
| 1943 | 4 | 484 | 488 | 0 | 18 | 18 | 0 | 0 | 0 |
| 1944 | 5 | 368 | 373 | 0 | 12 | 12 | 0 | 1 | 1 |
| 1945 | 5 | 376 | 381 | 0 | 17 | 17 | 0 | 1 | 1 |
| 1946 | 5 | 378 | 383 | 0 | 25 | 25 | 0 | 1 | 1 |
| 1947 | 5 | 741 | 746 | 0 | 49 | 49 | 0 | 1 | 1 |
| 1948 | 4 | 1053 | 1057 | 0 | 108 | 108 | 0 | 2 | 2 |
| 1949 | 6 | 1145 | 1151 | 0 | 82 | 82 | 0 | 3 | 3 |
| 1950 | 6 | 1702 | 1708 | 0 | 105 | 105 | 0 | 1 | 1 |
| 1951 | 4 | 1563 | 1567 | 0 | 119 | 119 | 0 | 3 | 3 |
| 1952 | 0 | 1340 | 1340 | 0 | 112 | 112 | 0 | 6 | 6 |
| 1953 | 1 | 1069 | 1070 | 0 | 69 | 69 | 0 | 6 | 6 |
| 1954 | 2 | 924 | 926 | 0 | 97 | 97 | 0 | 11 | 11 |
| 1955 | 1 | 877 | 878 | 0 | 114 | 114 | 0 | 8 | 8 |
| 1956 | 0 | 955 | 955 | 0 | 109 | 109 | 0 | 9 | 9 |
| 1957 | 0 | 1141 | 1141 | 0 | 136 | 136 | 0 | 5 | 5 |
| 1958 | 1 | 1179 | 1180 | 0 | 117 | 117 | 0 | 9 | 9 |
| 1959 | 0 | 1251 | 1251 | 0 | 151 | 151 | 0 | 5 | 5 |
| 1960 | 3 | 1089 | 1092 | 0 | 133 | 133 | 0 | 7 | 7 |
| 1961 | 4 | 861 | 865 | 0 | 137 | 137 | 0 | 12 | 12 |
| 1962 | 1 | 663 | 664 | 0 | 141 | 141 | 0 | 14 | 14 |
| 1963 | 1 | 519 | 520 | 0 | 183 | 183 | 0 | 11 | 11 |
| 1964 | 2 | 396 | 398 | 0 | 141 | 141 | 1 | 20 | 21 |
| 1965 | 0 | 410 | 410 | 2 | 195 | 197 | 1 | 35 | 36 |
| 1966 | 2 | 386 | 388 | 1 | 179 | 180 | 1 | 50 | 51 |
| 1967 | 0 | 344 | 344 | 1 | 182 | 183 | 1 | 53 | 54 |
| 1968 | 0 | 438 | 438 | 0 | 230 | 230 | 0 | 53 | 53 |
| 1969 | 3 | 515 | 518 | 5 | 209 | 214 | 0 | 66 | 66 |
| 1970 | 4 | 594 | 598 | 2 | 187 | 189 | 3 | 63 | 66 |
| 1971 | 3 | 660 | 663 | 1 | 263 | 264 | 0 | 71 | 71 |
| 1972 | 18 | 795 | 813 | 5 | 300 | 305 | 1 | 88 | 89 |
| 1973 | 15 | 876 | 891 | 2 | 284 | 286 | 0 | 42 | 42 |
| 1974 | 22 | 956 | 978 | 8 | 209 | 217 | 1 | 84 | 85 |
| 1975 | 25 | 919 | 944 | 4 | 305 | 309 | 2 | 82 | 84 |
| 1976 | 38 | 954 | 992 | 6 | 311 | 317 | 1 | 52 | 53 |
| 1977 | 50 | 1072 | 1122 | 14 | 319 | 333 | 0 | 48 | 48 |
| 1978 | 82 | 1392 | 1474 | 13 | 352 | 371 | 0 | 58 | 58 |

Table 21.
Academic degrees conferred in OTHER ENGINEERING in the U.S. by degree level and sex:
1930-1977 (estimated)

| DATE | BACHELOR'S | | | MASTER'S | | | DOCTORAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Female | Male | Total | Female | Male | Total | Female | Male | Total |
| 1930 | 91 | 666 | 757 | 8 | 30 | 38 | 0 | 6 | 6 |
| 1931 | 101 | 726 | 827 | 9 | 36 | 45 | 2 | 6 | 8 |
| 1932 | 114 | 805 | 919 | 10 | 44 | 54 | 0 | 7 | 7 |
| 1933 | 116 | 808 | 924 | 10 | 43 | 53 | 0 | 9 | 9 |
| 1934 | 118 | 811 | 929 | 10 | 42 | 52 | 0 | 12 | 12 |
| 1935 | 122 | 799 | 921 | 10 | 43 | 53 | 0 | 11 | 11 |
| 1936 | 127 | 808 | 935 | 11 | 43 | 54 | 1 | 7 | 8 |
| 1937 | 138 | 834 | 972 | 11 | 44 | 55 | 1 | 9 | 10 |
| 1938 | 156 | 905 | 1061 | 13 | 47 | 60 | 0 | 7 | 7 |
| 1939 | 172 | 977 | 1149 | 14 | 49 | 63 | 1 | 7 | 8 |
| 1940 | 204 | 1114 | 1318 | 16 | 56 | 72 | 1 | 11 | 12 |
| 1941 | 231 | 1145 | 1376 | 17 | 53 | 70 | 0 | 13 | 13 |
| 1942 | 270 | 1205 | 1475 | 19 | 53 | 72 | 0 | 10 | 10 |
| 1943 | 303 | 958 | 1261 | 18 | 36 | 54 | 0 | 6 | 6 |
| 1944 | 347 | 751 | 1098 | 18 | 25 | 43 | 0 | 8 | 8 |
| 1945 | 380 | 789 | 1169 | 25 | 37 | 62 | 1 | 9 | 19 |
| 1946 | 422 | 819 | 1241 | 35 | 54 | 89 | 0 | 12 | 12 |
| 1947 | 466 | 1719 | 2185 | 43 | 111 | 154 | 0 | 14 | 14 |
| 1948 | 510 | 2496 | 3006 | 78 | 327 | 405 | 1 | 36 | 37 |
| 1949 | 566 | 4008 | 4574 | 94 | 398 | 492 | 3 | 47 | 50 |
| 1950 | 593 | 5041 | 5634 | 86 | 111 | 398 | 2 | 41 | 43 |
| 1951 | 593 | 3814 | 4407 | 93 | 353 | 446 | 2 | 59 | 61 |
| 1952 | 596 | 2992 | 3588 | 88 | 352 | 440 | 2 | 56 | 58 |
| 1953 | 600 | 2515 | 3115 | 85 | 365 | 450 | 4 | 49 | 53 |
| 1954 | 615 | 2605 | 3220 | 82 | 449 | 531 | 2 | 98 | 100 |
| 1955 | 610 | 2448 | 3058 | 96 | 458 | 554 | 5 | 88 | 93 |
| 1956 | 416 | 2609 | 3025 | 59 | 435 | 494 | 2 | 68 | 70 |
| 1957 | 399 | 3103 | 3502 | 54 | 495 | 549 | 2 | 78 | 80 |
| 1958 | 456 | 3545 | 4001 | 80 | 626 | 706 | 2 | 103 | 105 |
| 1959 | 403 | 3502 | 3905 | 63 | 780 | 843 | 5 | 104 | 109 |
| 1960 | 428 | 3890 | 4318 | 77 | 874 | 951 | 5 | 97 | 102 |
| 1961 | 459 | 3995 | 4454 | 86 | 951 | 1037 | 6 | 116 | 122 |
| 1962 | 454 | 3793 | 4247 | 81 | 1106 | 1187 | 4 | 184 | 188 |
| 1963 | 430 | 4049 | 4479 | 87 | 1059 | 1146 | 8 | 212 | 220 |
| 1964 | 584 | 4271 | 4855 | 80 | 1193 | 1273 | 3 | 269 | 272 |
| 1965 | 583 | 4338 | 4921 | 87 | 1409 | 1496 | 3 | 330 | 333 |
| 1966 | 643 | 4913 | 5556 | 111 | 1732 | 1843 | 5 | 385 | 390 |
| 1967 | 740 | 5606 | 6346 | 102 | 1744 | 1846 | 12 | 461 | 473 |
| 1968 | 1307 | 6930 | 8237 | 183 | 2356 | 2539 | 11 | 511 | 522 |
| 1969 | 1577 | 8711 | 10288 | 248 | 2548 | 2796 | 19 | 637 | 656 |
| 1970 | 1427 | 9409 | 10836 | 194 | 2348 | 2542 | 4 | 750 | 754 |
| 1971 | 86 | 8461 | 8547 | 65 | 4315 | 4380 | 10 | 8799 | 809 |
| 1972 | 153 | 9229 | 9382 | 100 | 4405 | 4505 | 9 | 963 | 972 |
| 1973 | 126 | 9680 | 9806 | 117 | 4510 | 4627 | 18 | 887 | 905 |
| 1974 | 175 | 7818 | 7993 | 127 | 3928 | 4055 | 20 | 826 | 846 |
| 1975 | 229 | 7304 | 7533 | 139 | 3949 | 4088 | 25 | 760 | 785 |
| 1976 | 300 | 6560 | 6860 | 197 | 4012 | 4209 | 15 | 684 | 699 |
| 1977 | 466 | 6755 | 7221 | 217 | 3906 | 4123 | 21 | 664 | 685 |
| 1978 | 829 | 7157 | 7986 | 288 | 4143 | 4431 | 13 | 649 | 662 |

# appendixes

A. Field Definitions for a Study of Master's Degrees in the United States

B. Detailed Statistical Tables

Age Distributions for Graduates Earning Master's Degrees

C. Detailed Statistical Tables

Distributions of Ages at which Master's-Holders Earned Ph.D. Degrees

D. Detailed Statistical Tables

Mortality Rates

E. Detailed Statistical Tables

Age Distribution of Science and Engineering Master's Graduates

appendix a

# field definitions for a study of master's degrees in the united states

# part I. — comparisons among NCES coding, specifications from "the great american degree machine" (adkins, 1975) and this study

| STUDY CODE | ADKINS CODE | NCES CODE | CONTAINS NCES CATEGORIES: |
|---|---|---|---|
| MATH | 1 | 1700 | SERIES NAME FOR "MATHEMATICS AND STATISTICS" CONTAINING NCES CODES: 1701-1799 INCLUSIVE. |
| | | 1701 | MATHEMATICS, GENERAL |
| | | 1702 | STATISTICS, MATHEMATICAL & THEORETICAL |
| | | 1703 | APPLIED MATHEMATICS |
| | | 1799 | OTHER MATHEMATICS |
| CAIS | 2 | 0700 | SERIES NAME FOR "COMPUTER & INFORMATION SCIENCES" CONTAINING NCES CODES: 701-799 INCLUSIVE. |
| | | 701 | COMPUTER AND INFORMATION SCIENCES, GENERAL |
| | | 702 | INFORMATION SCIENCES AND SYSTEMS |
| | | 703 | DATA PROCESSING |
| | | 704 | COMPUTER PROGRAMMING |
| | | 705 | SYSTEMS ANALYSIS |
| | | 799 | OTHER COMPUTER & INFORMATION SCIENCES |
| CHEM | 5 | ---- | SERIES NAMES FOR "CHEMISTRY" CONTAINING NCES CODES: 1905-1910 AND 1920 INCLUSIVE. |
| | | 1905 | CHEMISTRY, GENERAL |
| | | 1906 | INORGANIC CHEMISTRY |
| | | 1907 | ORGANIC CHEMISTRY |
| | | 1908 | PHYSICAL CHEMISTRY |
| | | 1909 | ANALYTICAL CHEMISTRY |
| | | 1910 | PHARMACEUTICAL CHEMISTRY |
| | | 1920 | METALLURGY |
| EART | 6 | ---- | SERIES NAME FOR "EARTH SCIENCES' CONTAINING NCES CODES: 1913-1919 AND 1999/1 INCLUSIVE. |
| | | 1913 | ATMOSPHERIC SCIENCES & METEOROLOGY |
| | | 1914 | GEOLOGY |
| | | 1915 | GEOCHEMISTRY |
| | | 1916 | GEOPHYSICS AND SEISMOLOGY |
| | | 1917 | EARTH SCIENCE, GENERAL |
| | | 1918 | PALEONTOLOGY |
| | | 1919 | OCEANOGRAPHY |
| | | 1999-1 | OTHER EARTH SCIENCES |
| PHYS | 7 | ---- | SERIES NAME FOR "PHYSICS' CONTAINING NCES CODES: 1902-1904 AND 1911-1912 INCLUSIVE. |
| | | 1902 | PHYSICS, GENERAL |
| | | 1903 | MOLECULAR PHYSICS |
| | | 1904 | NUCLEAR PHYSICS |
| | | 1911 | ASTRONOMY |
| | | 1912 | ASTROPHYSICS |

| | | | |
|---|---|---|---|
| PSNC | 8 | ---- | SERIES NAME FOR "OTHER PHYSICAL SCIENCES" CONTAINING NCES CODES: 1901 AND 1999/2 |
| | | 1901 | PHYSICAL SCIENCES, GENERAL |
| | | 1999-2 | PHYSICAL SCIENCES, OTHER |
| CMEN | 10 | ---- | SERIES NAME FOR "CHEMICAL-MATERIALS ENGINEERING" CONTAINING NCES CODES: 0906, AND 0914-0916 INCLUSIVE. |
| | | 0906 | CHEMICAL ENGINEERING |
| | | 0914 | METALLURGICAL |
| | | 0915 | MATERIALS ENGINEERING |
| | | 0916 | CERAMIC ENGINEERING |
| CIEN | 11 | ---- | SERIES NAME FOR "CIVIL & OTHER HEAVY ENGINEERING" CONTAINING NCES CODES: 0903-0904, 0908, AND 0922 INCLUSIVE. |
| | | 0903 | AGRICULTURAL ENGINEERING |
| | | 0904 | ARCHITECTURAL ENGINEERING |
| | | 0908 | CIVIL, CONSTRUCTION & TRANSPORTATION ENGINEERING |
| | | 0922 | ENVIRONMENTAL & SAFETY ENGINEERING |
| ELEC | 12 | 0909 | SERIES NAME FOR "ELECTRICAL, ELECTRONIC & COMMUNICATIONS ENGINEERING" (NCES CODE 0909) |
| MINE | 13 | ---- | SERIES NAME FOR "GEOLOGICAL-MINING ENGINEERING" CONTAINING NCES CODES: 0907, 0911, 0912, 0918, AND 0924 INCLUSIVE. |
| | | 0907 | PETROLEUM ENGINEERING |
| | | 0911 | GEOLOGICAL ENGINEERING |
| | | 0912 | GEOPHYSICAL ENGINEERING |
| | | 0918 | MINING AND MINERAL ENGINEERING |
| | | 0924 | OCEAN ENGINEERING |
| MECH | 14 | ---- | SERIES NAME FOR "MECHANICAL-EQUIPMENT ENGINEERING" CONTAINING NCES CODES: 0902, 0910, 0923 INCLUSIVE. |
| | | 0902 | AEROSPACE, AERONAUTICAL & ASTRONAUTICAL ENGINEERING |
| | | 0910 | MECHANICAL ENGINEERING |
| | | 0923 | NAVAL ARCHITECTURE & MARINE ENGINEERING |
| ENNC | 15 | ---- | SERIES NAME FOR "OTHER ENGINEERING SPECIALTIES" CONTAINING NCES CODES: 0901,0905, 0917, 0919-0921, AND 0999 INCLUSIVE. NOTE THAT NCES CODES 0925 (ENGINEERING TECHNOLOGIES) AND 1303 (CLOTHING AND TEXTILES) HAVE BEEN SUBTRACTED FROM THE ORIGINAL ADKINS GROUP 15 AND 0913 (INDUSTRIAL & ENGINEERING MANAGEMENT) IS ADDED TO ADKINS GROUP 15. |
| | | 0901 | ENGINEERING, GENERAL |
| | | 0905 | BIOENGINEERING AND BIOMEDICAL ENGINEERING |
| | | 0917 | TEXTILE ENGINEERING |
| | | 0919 | ENGINEERING PHYSICS |
| | | 0920 | NUCLEAR ENGINEERING |
| | | 0921 | ENGINEERING MECHANICS |
| | | 0999 | ENGINEERING, OTHER |
| | | 0913 | INDUSTRIAL & MANAGEMENT ENGINEERING |

| | | | |
|---|---|---|---|
| BIOL | 16 | 0400 | SERIES NAME FOR "BIOLOGICAL SCIENCES" CONTAINING THE SUM OF NCES CODES 0401-0499 INCLUSIVE. |
| | | 0401 | BIOLOGY |
| | | 0402 | BOTANY |
| | | 0403 | BACTERIOLOGY |
| | | 0404 | PLANT PATHOLOGY |
| | | 0405 | PLANT PHARMOCOLOGY |
| | | 0406 | PLANT PHYSIOLOGY |
| | | 0407 | ZOOLOGY |
| | | 0408 | PATHOLOGY |
| | | 0409 | PHARMACOLOGY |
| | | 0410 | PHYSIOLOGY |
| | | 0411 | MICROBIOLOGY |
| | | 0412 | ANATOMY |
| | | 0413 | HISTOLOGY |
| | | 0414 | BIOCHEMISTRY |
| | | 0415 | BIOPHYSICS |
| | | 0416 | MOLECULAR BIOLOGY |
| | | 0417 | CELLULAR BIOLOGY |
| | | 0418 | MARINE BIOLOGY |
| | | 0419 | BIOSTATISTICS |
| | | 0420 | ECOLOGY |
| | | 0421 | ENTOMOLOGY |
| | | 0422 | GENETICS |
| | | 0423 | RADIOBIOLOGY |
| | | 0424 | NUTRITION, SCIENTIFIC |
| | | 0425 | NEUROSCIENCES |
| | | 0426 | TOXICOLOGY |
| | | 0427 | EMBRYOLOGY |
| | | 0499 | OTHER BIOLOGICAL SCIENCES |
| AGRI | 17 | 0100 | SERIES NAME FOR "AGRICULTURAL SCIENCES" CONTAINING NCES CODES 0101-0199 INCLUSIVE EXCEPT FOR 0111 (AGRICULTURAL ECONOMICS) WHICH MUST BE ACCOUNTED FOR TO SUM TO NCES CODE 0100 AFTER 1970. THIS CATEGORY IS EQUIVALENT TO ADKINS CODE 17 UP TO 1948 (BUT IS NOT A CONSISTENT SERIES WITH NCES CODE 0100). |
| | | 0101 | AGRICULTURE, GENERAL |
| | | 0102 | AGRONOMY |
| | | 0103 | SOILS SCIENCE |
| | | 0104 | ANIMAL SCIENCE |
| | | 0105 | DAIRY SCIENCE |
| | | 0106 | POULTRY SCIENCE |
| | | 0107 | FISH, GAME & WILDLIFE MANAGEMENT |
| | | 0108 | HORTICULTURE |
| | | 0109 | ORNAMENTAL CULTURE |
| | | 0110 | AGRICULTURAL & FARM MANAGEMENT |
| | | 0112 | AGRICULTURAL BUSINESS |
| | | 0113 | FOOD SCIENCE & TECHNOLOGY |
| | | 0114 | FORESTRY |
| | | 0115 | NATURAL RESOURCES MANAGEMENT |
| | | 0116 | AGRICULTURAL & FORESTRY TECHNOLOGIES |
| | | 0117 | RANGE MANAGEMENT |
| | | 0199 | OTHER AGRICULTURE & NATURAL RESOURCE |

| | | | |
|---|---|---|---|
| SOSI | | --- | SERIES NAME FOR "SOCIAL SCIENCES" CONTAINING NCES CODES 2202-2204, 0517, 0111, 2206-2208, 2215, AND 1505 INCLUSIVE. THIS IS EQUAL TO THE SUM OF NCES CODES FOR ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, SOCIOLOGY, DEMOGRAPHY, GEOGRAPHY & LINGUISTICS |
| PSYC | 35 | 2000 | SERIES NAME FOR "PSYCHOLOGY" CONTAINING NCES CODES 2001-2099 INCLUSIVE. SOCIAL PSYCHOLOGY (NCES 2005) HAS BEEN ADDED TO ADKINS SERIES 35. |
| | | 2001 | PSYCHOLOGY, GENERAL |
| | | 2002 | EXPERIMENTAL PSYCHOLOGY |
| | | 2003 | CLINICAL PSYCHOLOGY |
| | | 2004 | COUNSELING PSYCHOLOGY |
| | | 2005 | SOCIAL PSYCHOLOGY |
| | | 2006 | PSYCHOMETRICS |
| | | 2007 | STATISTICS IN PSYCHOLOGY |
| | | 2008 | INDUSTRIAL PSYCHOLOGY |
| | | 2009 | DEVELOPMENTAL PSYCHOLOGY |
| | | 2010 | PHYSIOLOGICAL PSYCHOLOGY |
| | | 2099 | OTHER PSYCHOLOGY |
| | | 0822 | EDUCATIONAL PSYCHOLOGY |
| INTR | | --- | SERIES NAME FOR "INTERDISCIPLINARY STUDIES" CONTAINING NCES CODES: 4902 (BIOLOGICAL AND PHYSICAL SCIENCE) AND 4904 (ENGINEERING AND OTHER DISCIPLINES). |

# part II. — comparisons among the NAS/NRC coding, specifications from "the great american degree machine" (adkins, 1975) and this study

| STUDY CODE | ADKINS CODE | NAS/NRC CODE | CONTAINS NAS/NRC CATEGORIES: |
|---|---|---|---|
| MATH | 1 | | GROUP NAME FOR "MATHEMATICS AND STATISTICS" CONTAINING NAS/NRC CODES: 000-099 INCLUSIVE |
| | | 000 | ALGEBRA |
| | | 010 | ANALYSIS & FUNCTIONAL ANALYSIS |
| | | 020 | GEOMETRY |
| | | 030 | LOGIC |
| | | 040 | NUMBER THEORY |
| | | 050 | PROBABILITY & MATH. STATISTICS |
| | | 060 | TOPOLOGY |
| | | 080 | COMPUTING THEORY & PRACTICE |
| | | 085 | APPLIED MATHEMATICS |
| | | 082 | OPERATIONS RESEARCH |
| | | 098 | MATHEMATICS, GENERAL |
| | | 099 | OTHER MATHEMATICS |
| CAIS | 2 | 079 | GROUP NAME FOR "COMPUTER & INFORMATION SCIENCES" CONTAINING NAS/NRC CODE 079 ONLY |
| CHEM | 5 | | GROUP NAMES FOR "CHEMISTRY" CONTAINING NAS/NRC CODES: 200-299 INCLUSIVE |
| | | 200 | ANALYTICAL CHEMISTRY |
| | | 210 | INORGANIC CHEMISTRY |
| | | 220 | ORGANIC CHEMISTRY |
| | | 230 | NUCLEAR CHEMISTRY |
| | | 240 | PHYSICAL CHEMISTRY |
| | | 250 | THEORETICAL CHEMISTRY |
| | | 260 | AGRICULTURAL & FOOD CHEMISTRY |
| | | 270 | PHARMACEUTICAL CHEMISTRY |
| | | 275 | POLYMER CHEMISTRY |
| | | 298 | CHEMISTRY, GENERAL |
| | | 299 | CHEMISTRY, OTHER |
| EART | 6 | | GROUP NAME FOR "EARTH SCIENCES' CONTAINING NAS/NRC CODES: 301-399 INCLUSIVE |
| | | 301 | MINERALOGY, PETROLOGY |
| | | 305 | GEOCHEMISTRY |
| | | 310 | STRATIGRAPHY, SEDIMENTATION |
| | | 320 | PALEONTOLOGY |
| | | 330 | STRUCTURAL GEOLOGY |
| | | 341 | GEOPHYSICS |
| | | 350 | GEOMORPH. & GLACIAL GEOLOGY |
| | | 391 | APPLIED GEOL., GEOL. ENGINEERING & ECON. GEOL. |
| | | 395 | FUEL TECH. & PETROL. ENGINEERING |
| | | 360 | HYDROLOGY & WATER RESOURCES |
| | | 370 | OCEANOGRAPHY |
| | | 397 | MARINE SCIENCES, OTHER |
| | | 381 | ATMOSPHERIC PHYSICS & CHEMISTRY |
| | | 382 | ATMOSPHERIC DYNAMICS |
| | | 383 | ATMOSPHERIC SCIENCES, OTHER |
| | | 388 | ENVIRONMENTAL SCIENCES, GENERAL |
| | | 389 | ENVIRONMENTAL SCIENCES, OTHER |
| | | 398 | EARTH SCIENCE, GENERAL |
| | | 399 | OTHER EARTH SCIENCES |

| | | | |
|---|---|---|---|
| PHYS | 7 | | GROUP NAME FOR "PHYSICS' CONTAINING NAS/NRC CODES: 101-199 INCLUSIVE |
| | | 101 | ASTRONOMY |
| | | 102 | ASTROPHYSICS |
| | | 110 | ATOMIC AND MOLECULAR PHYSICS |
| | | 120 | ELECTROMAGNETISM |
| | | 132 | ACOUSTICS |
| | | 134 | FLUIDS |
| | | 135 | PLASMA |
| | | 136 | OPTICS |
| | | 138 | THERMAL |
| | | 140 | ELEMENTARY PARTICLES |
| | | 150 | NUCLEAR STRUCTURE |
| | | 160 | SOLID STATE |
| | | 198 | PHYSICS, GENERAL |
| | | 199 | PHYSICS, OTHER |
| EALL | | | GROUP NAME FOR "ENGINEERING" CONTAINING NAS/NRC CODES: 400-499 INCLUSIVE |
| | | 400 | AEROSPACE, AERONAUTICAL & ASTRONAUTICAL ENGINEERING |
| | | 410 | AGRICULTURAL ENGINEERING |
| | | 415 | BIOENGINEERING AND BIOMEDICAL ENGINEERING |
| | | 420 | CIVIL ENGINEERING |
| | | 430 | CHEMICAL ENGINEERING |
| | | 435 | CERAMIC ENGINEERING |
| | | 437 | COMPUTER ENGINEERING |
| | | 440 | ELECTRICAL ENGINEERING |
| | | 445 | ELECTRONIC ENGINEERING |
| | | 450 | INDUSTRIAL ENGINEERING |
| | | 455 | NUCLEAR ENGINEERING |
| | | 460 | ENGINEERING MECHANICS |
| | | 465 | ENGINEERING PHYSICS |
| | | 470 | MECHANICAL ENGINEERING |
| | | 475 | METALLURGICAL & PHYS. MET. ENGINEERING |
| | | 476 | SYSTEMS DESIGN & SYSTEMS SCIENCE |
| | | 478 | OPERATIONS RESEARCH |
| | | 479 | FUEL TECH. & PETROL. ENGINEERING |
| | | 480 | SANITARY & ENVIRONMENTAL ENGINEERING |
| | | 486 | MINING AND MINERAL ENGINEERING |
| | | 497 | MATERIALS ENGINEERING |
| | | 498 | ENGINEERING, GENERAL |
| | | 499 | ENGINEERING, OTHER |
| BIOL | 16 | | GROUP NAME FOR "BIOLOGICAL SCIENCES" CONTAINING THE SUM OF NAS/NRC CODES 540-579 AND 527, 534 AND 536 INCLUSIVE |
| | | 527 | PARASITOLOGY |
| | | 534 | PATHOLOGY |
| | | 536 | PHARMACOLOGY |
| | | 540 | BIOCHEMISTRY |
| | | 542 | BIOPHYSICS |
| | | 544 | BIOSTATISTICS |
| | | 545 | ANATOMY |
| | | 546 | CYTOLOGY |
| | | 547 | EMBRYOLOGY |
| | | 548 | IMMUNOLOGY |

| | | | |
|---|---|---|---|
| BIOL | (CONT'D) | | GROUP NAME FOR "BIOLOGICAL SCIENCES" |
| | | 550 | BOTANY |
| | | 560 | ECOLOGY |
| | | 562 | HYDROBIOLOGY |
| | | 564 | MICROBIOLOGY & BACTERIOLOGY |
| | | 566 | PHYSIOLOGY, ANIMAL |
| | | 567 | PLANT PHYSIOLOGY |
| | | 569 | ZOOLOGY |
| | | 570 | GENETICS |
| | | 571 | ENTOMOLOGY |
| | | 572 | MOLECULAR BIOLOGY |
| | | 576 | NUTRITION AND/OR DIETETICS |
| | | 578 | BIOLOGICAL SCIENCES, GENERAL |
| | | 579 | OTHER BIOLOGICAL SCIENCES |
| AGRI | 17 | | GROUP NAME FOR "AGRICULTURAL SCIENCES" CONTAINING NAS/NRC CODES 500-519 INCLUSIVE EXCEPT FOR 501 (AGRICULTURAL ECONOMICS) WHICH MUST BE ACCOUNTED FOR TO SUM TO NAS/NRC CODE |
| | | 500 | AGRONOMY |
| | | 502 | ANIMAL HUSBANDRY |
| | | 503 | FOOD SCIENCE & TECHNOLOGY |
| | | 504 | FISH & WILDLIFE |
| | | 505 | FORESTRY |
| | | 506 | HORTICULTURE |
| | | 507 | SOILS & SOILS SCIENCE |
| | | 510 | ANIMAL SCIENCE & NUTRITION |
| | | 511 | PHYTOPATHOLOGY |
| | | 518 | AGRICULTURE, GENERAL |
| | | 519 | AGRICULTURE, OTHER |
| SOSI | | | GROUP NAME FOR "SOCIAL SCIENCES" CONTAINING NAS/NRC CODES 501, 700, 710-740, 832, & 835 INCLUSIVE |
| | | 501 | AGRICULTURAL ECONOMICS |
| | | 700 | ANTROPOLOGY |
| | | 710 | SOCIOLOGY |
| | | 720 | ECONOMICS |
| | | 725 | ECONOMETRICS |
| | | 727 | STATISTICS |
| | | 740 | GEOGRAPHY |
| | | 832 | ARCHEOLOGY |
| | | 835 | LINGUISTICS |
| PSYH | 35 | | GROUP NAME FOR "PSYCHOLOGY" CONTAINING NAS/NRC CODES 600-699 INCLUSIVE. SOCIAL PSYCHOLOGY (NAS/NRC 680) HAS BEEN ADDED TO ADKINS GROUP 35. |
| | | 600 | CLINICAL PSYCHOLOGY |
| | | 610 | COUNSELING & GUIDANCE PSYCHOLOGY |
| | | 620 | DEVELOPMENTAL & GERONTOLOGICAL PSYCHOLOGY |
| | | 630 | EDUCATIONAL PSYCHOLOGY |
| | | 635 | SCHOOL PSYCHOLOGY |
| | | 641 | EXPERIMENTAL PSYCHOLOGY |
| | | 642 | COMPARATIVE PSYCHOLOGY |
| | | 643 | PHYSIOLOGICAL PSYCHOLOGY |
| | | 650 | INDUSTRIAL & PERSONNEL PSYCHOLOGY |
| | | 660 | PERSONALITY PSYCHOLOGY |
| | | 670 | PSYCHOMETRICS |
| | | 680 | SOCIAL PSYCHOLOGY |
| | | 698 | PSYCHOLOGY, GENERAL |

# appendix b

## DETAILED STATISTICAL TABLES

### AGE DISTRIBUTION FOR GRADUATES EARNING MASTER'S DEGREES


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TABLE B-1

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1950-1959, MALE & FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| MATH-STAT..... | 2,709 | 14 | 1,318 | 1,041 | 233 | 63 | 12 | 1 | 13 | 14 | - | - | - |
| Percent..... | 100 | 1 | 49 | 38 | 9 | 2 | 0 | 0 | 0 | 1 | - | - | - |
| CHEMISTRY..... | 4,502 | 18 | 2,017 | 1,914 | 379 | 90 | 20 | 3 | 43 | 26 | - | - | - |
| Percent..... | 100 | 0 | 45 | 43 | 8 | 2 | 0 | 0 | 1 | 1 | - | - | - |
| EARTH SCIENCE..... | 1,716 | 3 | 567 | 875 | 195 | 43 | 6 | - | 10 | 17 | - | - | - |
| Percent..... | 100 | 0 | 33 | 51 | 11 | 3 | 0 | - | 1 | 1 | - | - | - |
| PHYSICS..... | 3,644 | 11 | 1,907 | 1,343 | 289 | 41 | 8 | 2 | 15 | 28 | - | - | - |
| Percent..... | 100 | 0 | 52 | 37 | 8 | 1 | 0 | 0 | 0 | 1 | - | - | - |
| ENGINEERING..... | 8,127 | 4 | 3,240 | 3,570 | 987 | 206 | 36 | 13 | 29 | 42 | - | - | - |
| Percent..... | 100 | 0 | 40 | 44 | 12 | 3 | 0 | 0 | 0 | 1 | - | - | - |
| BIOLOGICAL SCIENCE.. | 7,255 | 12 | 2,324 | 3,547 | 977 | 247 | 58 | 13 | 44 | 33 | - | - | - |
| Percent..... | 100 | 0 | 32 | 49 | 13 | 3 | 1 | 0 | 1 | 0 | - | - | - |
| AGRICULTURAL SCIENCE | 3,711 | 2 | 862 | 1,984 | 617 | 142 | 39 | 10 | 32 | 23 | - | - | - |
| Percent..... | 100 | 0 | 23 | 53 | 17 | 4 | 1 | 0 | 1 | 1 | - | - | - |
| SOCIAL SCIENCE..... | 6,676 | 18 | 1,992 | 3,006 | 1,085 | 358 | 113 | 30 | 40 | 34 | - | - | - |
| Percent..... | 100 | 0 | 30 | 45 | 16 | 5 | 2 | 0 | 1 | 1 | - | - | - |
| PSYCHOLOGY..... | 5,492 | 5 | 1,696 | 2,566 | 737 | 303 | 101 | 42 | 31 | 11 | - | - | - |
| Percent..... | 100 | 0 | 31 | 47 | 13 | 6 | 2 | 1 | 1 | 0 | - | - | - |

- Data not available.

TABLE B-2

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1950-1959, FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| MATH-STAT..... | 209 | - | 95 | 64 | 27 | 18 | 3 | - | 1 | 1 | - | - | - |
| Percent..... | 100 | - | 45 | 31 | 13 | 9 | 1 | - | 0 | 0 | - | - | - |
| CHEMISTRY..... | 361 | - | 170 | 112 | 51 | 21 | 4 | - | 1 | 2 | - | - | - |
| Percent..... | 100 | - | 47 | 31 | 14 | 6 | 1 | - | 0 | 1 | - | - | - |
| EARTH SCIENCE..... | 28 | - | 7 | 15 | 4 | - | - | - | - | 2 | - | - | - |
| Percent..... | 100 | - | 25 | 54 | 14 | - | - | - | - | 7 | - | - | - |
| PHYSICS..... | 82 | - | 47 | 24 | 6 | 2 | - | - | 2 | 1 | - | - | - |
| Percent..... | 100 | - | 57 | 29 | 7 | 2 | - | - | 2 | 1 | - | - | - |
| ENGINEERING..... | 34 | 1 | 13 | 17 | 3 | - | - | - | - | - | - | - | - |
| Percent..... | 100 | 3 | 38 | 50 | 9 | - | - | - | - | - | - | - | - |
| BIOLOGICAL SCIENCE.. | 1,032 | 2 | 418 | 370 | 137 | 60 | 24 | 6 | 5 | 10 | - | - | - |
| Percent..... | 100 | 0 | 41 | 36 | 13 | 6 | 2 | 1 | 0 | 1 | - | - | - |
| AGRICULTURAL SCIENCE | 50 | - | 16 | 23 | 4 | 4 | 1 | - | 1 | 1 | - | - | - |
| Percent..... | 100 | - | 32 | 46 | 8 | 8 | 2 | - | 2 | 2 | - | - | - |
| SOCIAL SCIENCE..... | 680 | 1 | 260 | 233 | 86 | 67 | 23 | 4 | 4 | 2 | - | - | - |
| Percent..... | 100 | 0 | 38 | 34 | 13 | 10 | 3 | 1 | 1 | 0 | - | - | - |
| PSYCHOLOGY..... | 1,134 | 1 | 388 | 377 | 155 | 117 | 54 | 28 | 9 | 5 | - | - | - |
| Percent..... | 100 | 0 | 34 | 33 | 14 | 10 | 5 | 2 | 1 | 0 | - | - | - |

- Data not available.

TABLE B-3

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1950-1959, MALE OR UNKNOWN

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| MATH-STAT..... | 2,500 | 14 | 1,223 | 977 | 206 | 45 | 9 | 1 | 12 | 13 | - | - | - |
| Percent..... | 100 | 1 | 49 | 39 | 8 | 2 | 0 | 0 | 0 | 1 | - | - | - |
| CHEMISTRY..... | 4,141 | 10 | 1,847 | 1,802 | 328 | 69 | 16 | 3 | 42 | 24 | - | - | - |
| Percent..... | 100 | 0 | 45 | 44 | 8 | 2 | 0 | 0 | 1 | 1 | - | - | - |
| EARTH SCIENCE..... | 1,688 | 3 | 560 | 860 | 191 | 43 | 6 | - | 10 | 15 | - | - | - |
| Percent..... | 100 | 0 | 33 | 51 | 11 | 3 | 0 | - | 1 | 1 | - | - | - |
| PHYSICS..... | 3,562 | 11 | 1,860 | 1,319 | 283 | 39 | 8 | 2 | 13 | 27 | - | - | - |
| Percent..... | 100 | 0 | 52 | 37 | 8 | 1 | 0 | 0 | 0 | 1 | - | - | - |
| ENGINEERING..... | 8,093 | 3 | 3,227 | 3,553 | 984 | 206 | 36 | 13 | 29 | 42 | - | - | - |
| Percent..... | 100 | 0 | 40 | 44 | 12 | 3 | 0 | 0 | 0 | 1 | - | - | - |
| BIOLOGICAL SCIENCE.. | 6,223 | 10 | 1,906 | 3,177 | 840 | 187 | 34 | 7 | 39 | 23 | - | - | - |
| Percent..... | 100 | 0 | 31 | 51 | 13 | 3 | 1 | 0 | 1 | 0 | - | - | - |
| AGRICULTURAL SCIENCE | 3,661 | 2 | 846 | 1,961 | 613 | 138 | 38 | 10 | 31 | 22 | - | - | - |
| Percent..... | 100 | 0 | 23 | 54 | 17 | 4 | 1 | 0 | 1 | 1 | - | - | - |
| SOCIAL SCIENCE..... | 5,996 | 17 | 1,732 | 2,773 | 999 | 291 | 90 | 26 | 36 | 32 | - | - | - |
| Percent..... | 100 | 0 | 29 | 46 | 17 | 5 | 2 | 0 | 1 | 1 | - | - | - |
| PSYCHOLOGY..... | 4,358 | 4 | 1,308 | 2,189 | 582 | 186 | 47 | 14 | 22 | 6 | - | - | - |
| Percent..... | 100 | 0 | 30 | 50 | 13 | 4 | 1 | 0 | 1 | 0 | - | - | - |

- Data not available.

TABLE B-4

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1960-1969, MALE & FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTEI |
| MATH-STAT..... | 9,300 | 20 | 4,927 | 3,491 | 632 | 151 | 34 | 18 | 3 | - | 20 | 4 | - |
| Percent..... | 100 | 0 | 53 | 38 | 7 | 2 | 0 | 0 | 0 | - | 0 | 0 | - |
| COMPUTER SCIENCE.... | 5 | - | 2 | 1 | 1 | 1 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 40 | 20 | 20 | 20 | - | - | - | - | - | - | - |
| CHEMISTRY..... | 7,430 | 11 | 2,994 | 3,581 | 607 | 144 | 50 | 14 | 2 | - | 22 | 5 | - |
| Percent..... | 100 | 0 | 40 | 48 | 8 | 2 | 1 | 0 | 0 | - | 0 | 0 | - |
| EARTH SCIENCE..... | 3,404 | 2 | 1,046 | 1,846 | 380 | 91 | 23 | 7 | - | - | 6 | 3 | - |
| Percent..... | 100 | 0 | 31 | 54 | 11 | 3 | 1 | 0 | - | - | 0 | 0 | - |
| PHYSICS..... | 9,467 | 27 | 4,789 | 3,880 | 592 | 121 | 31 | 8 | 3 | - | 13 | 3 | - |
| Percent..... | 100 | 0 | 51 | 41 | 6 | 1 | 0 | 0 | 0 | - | 0 | 0 | - |
| ENGINEERING..... | 26,324 | 11 | 10,983 | 12,184 | 2,306 | 492 | 164 | 50 | 6 | 2 | 182 | 24 | - |
| Percent..... | 100 | 0 | 42 | 46 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | - |
| BIOLOGICAL SCIENCE.. | 16,161 | 9 | 5,083 | 8,400 | 1,916 | 480 | 145 | 51 | 12 | 4 | 46 | 15 | - |
| Percent..... | 100 | 0 | 31 | 52 | 12 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | - |
| AGRICULTURAL SCIENCE | 6,999 | 7 | 1,835 | 3,717 | 1,062 | 258 | 68 | 13 | - | 1 | 35 | 3 | - |
| Percent..... | 100 | 0 | 26 | 53 | 15 | 4 | 1 | 0 | - | 0 | 1 | 0 | - |
| SOCIAL SCIENCE..... | 16,855 | 8 | 5,618 | 7,939 | 2,026 | 716 | 288 | 139 | 36 | 10 | 48 | 27 | - |
| Percent..... | 100 | 0 | 33 | 47 | 12 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | - |
| PSYCHOLOGY..... | 12,587 | 4 | 4,441 | 5,832 | 1,346 | 527 | 270 | 100 | 36 | 3 | 16 | 12 | - |
| Percent..... | 100 | 0 | 35 | 46 | 11 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | - |

- Data not available.

TABLE B-5

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1960-1969, FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| MATH-STAT..... | 825 | 3 | 439 | 237 | 84 | 40 | 11 | 6 | 1 | - | 4 | - | - |
| Percent..... | 100 | 0 | 53 | 29 | 10 | 5 | 1 | 1 | 0 | - | 0 | - | - |
| CHEMISTRY..... | 770 | 2 | 349 | 311 | 56 | 29 | 19 | 2 | - | - | 1 | 1 | - |
| Percent..... | 100 | 0 | 45 | 40 | 7 | 4 | 2 | 0 | - | - | 0 | 0 | - |
| EARTH SCIENCE..... | 106 | - | 42 | 44 | 9 | 9 | 2 | - | - | - | - | - | - |
| Percent..... | 100 | - | 40 | 42 | 8 | 8 | 2 | - | - | - | - | - | - |
| PHYSICS..... | 337 | 2 | 205 | 101 | 17 | 7 | 3 | 1 | - | - | 1 | - | - |
| Percent..... | 100 | 1 | 61 | 30 | 5 | 2 | 1 | 0 | - | - | 0 | - | - |
| ENGINEERING..... | 144 | - | 72 | 55 | 11 | 3 | 1 | 1 | - | - | 1 | - | - |
| Percent..... | 100 | - | 50 | 38 | 8 | 2 | 1 | 1 | - | - | 1 | - | - |
| BIOLOGICAL SCIENCE.. | 2,665 | - | 1,112 | 1,087 | 223 | 139 | 63 | 24 | 5 | 2 | 6 | 4 | - |
| Percent..... | 100 | - | 42 | 41 | 8 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | - |
| AGRICULTURAL SCIENCE | 142 | - | 51 | 65 | 15 | 3 | 4 | 2 | - | 1 | 1 | - | - |
| Percent..... | 100 | - | 36 | 46 | 11 | 2 | 3 | 1 | - | 1 | 1 | - | - |
| SOCIAL SCIENCE..... | 2,286 | 1 | 904 | 834 | 226 | 156 | 101 | 41 | 11 | 2 | 7 | 3 | - |
| Percent..... | 100 | 0 | 40 | 36 | 10 | 7 | 4 | 2 | 0 | 0 | 0 | 0 | - |
| PSYCHOLOGY..... | 2,845 | - | 1,096 | 987 | 276 | 244 | 153 | 56 | 24 | 1 | 4 | 4 | - |
| Percent..... | 100 | - | 39 | 35 | 10 | 9 | 5 | 2 | 1 | 0 | 0 | 0 | - |

- Data not available.

TABLE B-6

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1960-1969, MALE OR UNKNOWN

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| MATH-STAT..... | 8,475 | 17 | 4,488 | 3,254 | 548 | 111 | 23 | 12 | 2 | - | 16 | 4 | - |
| Percent..... | 100 | 0 | 53 | 38 | 6 | 1 | 0 | 0 | 0 | - | 0 | 0 | - |
| COMPUTER SCIENCE.... | 5 | - | 2 | 1 | 1 | 1 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 40 | 20 | 20 | 20 | - | - | - | - | - | - | - |
| CHEMISTRY..... | 6,660 | 9 | 2,645 | 3,270 | 551 | 115 | 31 | 12 | 2 | - | 21 | 4 | - |
| Percent..... | 100 | 0 | 40 | 49 | 8 | 2 | 0 | 0 | 0 | - | 0 | 0 | - |
| EARTH SCIENCE..... | 3,298 | 2 | 1,004 | 1,802 | 371 | 82 | 21 | 7 | - | - | 6 | 3 | - |
| Percent..... | 100 | 0 | 30 | 55 | 11 | 2 | 1 | 0 | - | - | 0 | 0 | - |
| PHYSICS..... | 9,130 | 25 | 4,584 | 3,779 | 575 | 114 | 28 | 7 | 3 | - | 12 | 3 | - |
| Percent..... | 100 | 0 | 50 | 41 | 6 | 1 | 0 | 0 | 0 | - | 0 | 0 | - |
| ENGINEERING..... | 26,180 | 11 | 10,911 | 12,129 | 2,295 | 489 | 163 | 49 | 6 | 2 | 101 | 24 | - |
| Percent..... | 100 | 0 | 42 | 46 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | - |
| BIOLOGICAL SCIENCE.. | 13,496 | 9 | 3,971 | 7,313 | 1,693 | 341 | 82 | 27 | 7 | 2 | 40 | 11 | - |
| Percent..... | 100 | 0 | 29 | 54 | 13 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | - |
| AGRICULTURAL SCIENCE | 6,857 | 7 | 1,784 | 3,652 | 1,047 | 255 | 64 | 11 | - | - | 34 | 3 | - |
| Percent..... | 100 | 0 | 26 | 53 | 15 | 4 | 1 | 0 | - | - | 0 | 0 | - |
| SOCIAL SCIENCE..... | 14,569 | 7 | 4,714 | 7,105 | 1,800 | 560 | 187 | 98 | 25 | 8 | 41 | 24 | - |
| Percent..... | 100 | 0 | 32 | 49 | 12 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | - |
| PSYCHOLOGY..... | 9,742 | 4 | 3,345 | 4,845 | 1,070 | 283 | 117 | 44 | 12 | 2 | 12 | 8 | - |
| Percent..... | 100 | 0 | 34 | 50 | 11 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | - |

- Data not available.

TABLE B-7

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1970-1978, MALE & FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| MATH-STAT..... | 3,033 | 3 | 1,446 | 1,335 | 195 | 34 | 7 | 4 | 1 | 1 | 1 | - | 6 |
| Percent..... | 100 | 0 | 48 | 44 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| COMPUTER SCIENCE.... | 91 | 1 | 40 | 44 | 4 | 1 | - | - | - | - | - | - | 1 |
| Percent..... | 100 | 1 | 44 | 48 | 4 | 1 | - | - | - | - | - | - | 1 |
| CHEMISTRY..... | 2,658 | 1 | 933 | 1,445 | 230 | 28 | 12 | 3 | - | 1 | - | - | 5 |
| Percent..... | 100 | 0 | 35 | 54 | 9 | 1 | 0 | 0 | - | 0 | - | - | 0 |
| EARTH SCIENCE..... | 1,570 | - | 441 | 908 | 173 | 28 | 10 | 5 | 2 | - | 1 | - | 2 |
| Percent..... | 100 | - | 28 | 58 | 11 | 2 | 1 | 0 | 0 | - | 0 | - | 0 |
| PHYSICS..... | 3,052 | 5 | 1,291 | 1,509 | 207 | 24 | 6 | 4 | 3 | - | - | - | 3 |
| Percent..... | 100 | 0 | 42 | 49 | 7 | 1 | 0 | 0 | 0 | - | - | - | 0 |
| ENGINEERING..... | 8,823 | - | 3,417 | 4,434 | 728 | 141 | 43 | 12 | 6 | 4 | - | - | 38 |
| Percent..... | 100 | - | 39 | 50 | 8 | 2 | 0 | 0 | 0 | 0 | - | - | 0 |
| BIOLOGICAL SCIENCE.. | 6,115 | 1 | 1,749 | 3,468 | 681 | 128 | 55 | 14 | 4 | 1 | - | - | 14 |
| Percent..... | 100 | 0 | 29 | 57 | 11 | 2 | 1 | 0 | 0 | 0 | - | - | 0 |
| AGRICULTURAL SCIENCE | 2,744 | - | 561 | 1,601 | 455 | 92 | 23 | 3 | 1 | 1 | - | - | 7 |
| Percent..... | 100 | - | 20 | 58 | 17 | 3 | 1 | 0 | 0 | 0 | - | - | 0 |
| SOCIAL SCIENCE..... | 7,541 | 1 | 2,175 | 3,925 | 978 | 263 | 115 | 49 | 20 | 4 | 2 | - | 9 |
| Percent..... | 100 | 0 | 29 | 52 | 13 | 3 | 2 | 1 | 0 | 0 | 0 | - | 0 |
| PSYCHOLOGY..... | 8,701 | - | 2,686 | 4,645 | 803 | 288 | 155 | 83 | 28 | 4 | - | - | 9 |
| Percent..... | 100 | - | 31 | 53 | 9 | 3 | 2 | 1 | 0 | 0 | - | - | 0 |

- Data not available.

TABLE B-8

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1970-1978, FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| MATH-STAT..... | 419 | - | 231 | 150 | 26 | 6 | 3 | 2 | - | - | - | - | 1 |
| Percent..... | 100 | - | 55 | 36 | 6 | 1 | 1 | 0 | - | - | - | - | 0 |
| COMPUTER SCIENCE.... | 9 | - | 5 | 4 | - | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 56 | 44 | - | - | - | - | - | - | - | - | - |
| CHEMISTRY..... | 369 | - | 168 | 163 | 29 | 4 | 4 | 1 | - | - | - | - | - |
| Percent..... | 100 | - | 46 | 44 | 8 | 1 | 1 | 0 | - | - | - | - | - |
| EARTH SCIENCE..... | 119 | - | 57 | 48 | 10 | 3 | 1 | - | - | - | - | - | - |
| Percent..... | 100 | - | 48 | 40 | 8 | 3 | 1 | - | - | - | - | - | - |
| PHYSICS..... | 182 | - | 88 | 78 | 15 | 1 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 48 | 43 | 8 | 1 | - | - | - | - | - | - | - |
| ENGINEERING..... | 181 | - | 89 | 76 | 14 | - | 1 | - | - | - | - | - | 1 |
| Percent..... | 100 | - | 49 | 42 | 8 | - | 1 | - | - | - | - | - | 1 |
| BIOLOGICAL SCIENCE.. | 1,324 | - | 484 | 634 | 123 | 43 | 29 | 5 | 2 | 1 | - | - | 3 |
| Percent..... | 100 | - | 37 | 48 | 9 | 3 | 2 | 0 | 0 | 0 | - | - | 0 |
| AGRICULTURAL SCIENCE | 157 | - | 40 | 91 | 19 | 4 | 2 | - | - | 1 | - | - | - |
| Percent..... | 100 | - | 25 | 58 | 12 | 3 | 1 | - | - | 1 | - | - | - |
| SOCIAL SCIENCE..... | 1,561 | - | 542 | 696 | 157 | 84 | 50 | 20 | 10 | 1 | - | - | 1 |
| Percent..... | 100 | - | 35 | 45 | 10 | 5 | 3 | 1 | 1 | 0 | - | - | 0 |
| PSYCHOLOGY..... | 2,679 | - | 946 | 1,177 | 240 | 147 | 94 | 57 | 13 | 2 | - | - | 3 |
| Percent..... | 100 | - | 35 | 44 | 9 | 5 | 4 | 2 | 0 | 0 | - | - | 0 |
| Percent..... | 100 | - | 21 | 36 | 10 | 6 | 1 | 1 | 1 | - | - | - | 25 |

- Data not available.

TABLE B-9

AGE DISTRIBUTION OF PH.D.-HOLDERS AT MASTER'S-DEGREE GRADUATION: 1970-1978, MALE OR UNKNOWN

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| MATH-STAT..... | 2,614 | 3 | 1,215 | 1,185 | 169 | 28 | 4 | 2 | 1 | 1 | 1 | - | 5 |
| Percent..... | 100 | 0 | 46 | 45 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| COMPUTER SCIENCE.... | 82 | 1 | 35 | 40 | 4 | 1 | - | - | - | - | - | - | 1 |
| Percent..... | 100 | 1 | 43 | 49 | 5 | 1 | - | - | - | - | - | - | 1 |
| CHEMISTRY..... | 2,289 | 1 | 765 | 1,282 | 201 | 24 | 8 | 2 | - | 1 | - | - | 5 |
| Percent..... | 100 | 0 | 33 | 54 | 9 | 1 | 0 | 0 | - | 0 | - | - | 0 |
| EARTH SCIENCE..... | 1,451 | - | 384 | 860 | 163 | 25 | 9 | 5 | 2 | - | 1 | - | 2 |
| Percent..... | 100 | - | 26 | 59 | 11 | 2 | 1 | 0 | 0 | - | 0 | - | 0 |
| PHYSICS..... | 2,870 | 5 | 1,203 | 1,431 | 192 | 23 | 6 | 4 | 3 | - | - | - | 3 |
| Percent..... | 100 | 0 | 42 | 50 | 7 | 1 | 0 | 0 | 0 | - | - | - | 0 |
| ENGINEERING..... | 8,642 | - | 3,328 | 4,358 | 714 | 141 | 42 | 12 | 6 | 4 | - | - | 37 |
| Percent..... | 100 | - | 39 | 50 | 8 | 2 | 0 | 0 | 0 | 0 | - | - | 0 |
| BIOLOGICAL SCIENCE.. | 4,791 | 1 | 1,265 | 2,834 | 558 | 85 | 26 | 9 | 2 | - | - | - | 11 |
| Percent..... | 100 | 0 | 26 | 59 | 12 | 2 | 1 | 0 | 0 | - | - | - | 0 |
| AGRICULTURAL SCIENCE | 2,587 | - | 521 | 1,510 | 436 | 88 | 21 | 3 | 1 | - | - | - | 7 |
| Percent..... | 100 | - | 20 | 58 | 17 | 3 | 1 | 0 | 0 | - | - | - | 0 |
| SOCIAL SCIENCE..... | 5,980 | 1 | 1,633 | 3,229 | 821 | 179 | 65 | 29 | 10 | 3 | 2 | - | 8 |
| Percent..... | 100 | 0 | 27 | 54 | 14 | 3 | 1 | 0 | 0 | 0 | 0 | - | 0 |
| PSYCHOLOGY..... | 6,022 | - | 1,740 | 3,468 | 563 | 141 | 61 | 26 | 15 | 2 | - | - | 6 |
| Percent..... | 100 | - | 29 | 58 | 9 | 2 | 1 | 0 | 0 | 0 | - | - | 0 |

- Data not available.

62

TABLE B-10

AGE DISTRIBUTION AT MASTER'S DEGREE GRADUATION WEIGHTED FOR 1972 GRADUATING CLASS: MALE & FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| ##TOTAL ALL FIELDS.. | 58,167 | - | 18,421 | 25,414 | 7,206 | 3,411 | 1,745 | 817 | 315 | 178 | 7 | - | - |
| Percent..... | 100 | - | 32 | 44 | 12 | 6 | 3 | 1 | 1 | 0 | 0 | - | - |
| AGRICULTURAL SCIENCES..... | 2,175 | - | 629 | 1,080 | 244 | 99 | 62 | - | - | 12 | - | - | - |
| Percent..... | 100 | - | 29 | 50 | 11 | 5 | 3 | - | - | 1 | - | - | - |
| BIOLOGICAL SCIENCES. | 6,968 | - | 1,817 | 3,748 | 967 | 193 | 208 | - | - | - | - | - | - |
| Percent..... | 100 | - | 26 | 54 | 14 | 3 | 3 | - | - | - | - | - | - |
| ENGINEERING TOTAL... | 17,189 | - | 5,310 | 6,482 | 2,943 | 1,318 | 607 | 273 | 68 | 27 | - | - | - |
| Percent..... | 100 | - | 31 | 38 | 17 | 8 | 4 | 2 | 0 | 0 | - | - | - |
| CHEMICAL ... | 1,526 | - | 599 | 662 | 168 | - | 41 | 43 | - | - | - | - | - |
| Percent..... | 100 | - | 39 | 43 | 11 | - | 3 | 3 | - | - | - | - | - |
| CIVIL ... | 3,186 | - | 1,041 | 1,257 | 510 | 161 | 67 | 55 | 40 | 27 | - | - | - |
| Percent..... | 100 | - | 33 | 39 | 16 | 5 | 2 | 2 | 1 | 1 | - | - | - |
| ELECTRICAL ... | 4,696 | - | 1,522 | 1,740 | 821 | 224 | 235 | 34 | 27 | - | - | - | - |
| Percent..... | 100 | - | 32 | 37 | 17 | 5 | 5 | 1 | 1 | - | - | - | - |
| MINING ... | 120 | - | 27 | 19 | 19 | 27 | 27 | - | - | - | - | - | - |
| Percent..... | 100 | - | 23 | 16 | 16 | 23 | 23 | - | - | - | - | - | - |
| MECHANICAL ... | 3,321 | - | 1,003 | 1,403 | 504 | 336 | 43 | 32 | - | - | - | - | - |
| Percent..... | 100 | - | 30 | 42 | 15 | 10 | 1 | 1 | - | - | - | - | - |
| OTHER ENGINEERING | 4,339 | - | 1,118 | 1,401 | 921 | 570 | 193 | 110 | - | - | - | - | - |
| Percent..... | 100 | - | 26 | 32 | 21 | 13 | 4 | 3 | - | - | - | - | - |
| MATHEMATICS | 4,988 | - | 2,177 | 1,896 | 480 | 168 | 94 | 55 | 63 | - | - | - | - |
| Percent..... | 100 | - | 44 | 38 | 10 | 3 | 2 | 1 | 1 | - | - | - | - |
| COMPUTER SCIENCE | 1,979 | - | 623 | 968 | 315 | 27 | - | 17 | 29 | - | - | - | - |
| Percent..... | 100 | - | 31 | 49 | 16 | 1 | - | 1 | 1 | - | - | - | - |
| Percent..... | 100 | - | 37 | 46 | 10 | 5 | 1 | 1 | 0 | - | 0 | - | - |
| PHYSICS | 2,398 | - | 860 | 959 | 395 | 113 | 18 | - | - | - | - | - | - |
| Percent..... | 100 | - | 36 | 40 | 16 | 5 | 1 | - | - | - | - | - | - |
| CHEMISTRY | 2,167 | - | 931 | 1,018 | 90 | 95 | 27 | - | 7 | - | - | - | - |
| Percent..... | 100 | - | 43 | 47 | 4 | 4 | 1 | - | 0 | - | - | - | - |
| EARTH SCIENCES | 1,401 | - | 452 | 806 | 92 | 20 | - | 24 | - | - | 7 | - | - |
| Percent..... | 100 | - | 32 | 58 | 7 | 1 | - | 2 | - | - | 0 | - | - |
| OTHER PHYSICAL SCIENCES ..... | 235 | - | 33 | 89 | 23 | 64 | 7 | 20 | - | - | - | - | - |
| Percent..... | 100 | - | 14 | 38 | 10 | 27 | 3 | 8 | - | - | - | - | - |
| SOCIAL SCIENCES | 12,608 | - | 3,639 | 5,798 | 1,038 | 1,141 | 382 | 300 | 103 | - | - | - | - |
| Percent..... | 100 | - | 29 | 46 | 8 | 9 | 3 | 2 | 1 | - | - | - | - |
| PSYCHOLOGY | 5,305 | - | 1,738 | 2,359 | 497 | 173 | 271 | 129 | 46 | - | - | - | - |
| Percent..... | 100 | - | 33 | 44 | 9 | 3 | 5 | 2 | 1 | - | - | - | - |
| OTHER | 753 | - | 213 | 211 | 122 | - | 69 | - | - | 138 | - | - | - |
| Percent..... | 100 | - | 28 | 28 | 16 | - | 9 | - | - | 18 | - | - | - |

- Data not available.

TABLE B-11

AGE DISTRIBUTION AT MASTER'S DEGREE GRADUATION WEIGHTED FOR 1972 GRADUATING CLASS: MALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| **TOTAL ALL FIELDS.. | 47,569 | - | 14,671 | 21,825 | 6,303 | 2,595 | 995 | 636 | 146 | 40 | 7 | - | - |
| Percent..... | 100 | - | 31 | 46 | 13 | 5 | 2 | 1 | 0 | 0 | 0 | - | - |
| AGRICULTURAL SCIENCES..... | 2,080 | - | 615 | 1,013 | 244 | 99 | 49 | - | - | 12 | - | - | - |
| Percent..... | 100 | - | 30 | 49 | 12 | 5 | 2 | - | - | 1 | - | - | - |
| BIOLOGICAL SCIENCES. | 4,714 | - | 1,145 | 2,738 | 721 | 41 | 35 | - | - | - | - | - | - |
| Percent..... | 100 | - | 24 | 58 | 15 | 1 | 1 | - | - | - | - | - | - |
| ENGINEERING TOTAL... | 16,854 | - | 5,174 | 6,394 | 2,886 | 1,318 | 580 | 245 | 68 | 27 | - | - | - |
| Percent..... | 100 | - | 31 | 38 | 17 | 8 | 3 | 1 | 0 | 0 | - | - | - |
| CHEMICAL ... | 1,471 | - | 544 | 662 | 168 | - | 41 | 43 | - | - | - | - | - |
| Percent..... | 100 | - | 37 | 45 | 11 | - | 3 | 3 | - | - | - | - | - |
| CIVIL ... | 3,051 | - | 1,014 | 1,243 | 470 | 161 | 40 | 27 | 40 | 27 | - | - | - |
| Percent..... | 100 | - | 33 | 41 | 15 | 5 | 1 | 1 | 1 | 1 | - | - | - |
| ELECTRICAL ... | 4,696 | - | 1,522 | 1,740 | 821 | 224 | 235 | 34 | 27 | - | - | - | - |
| Percent..... | 100 | - | 32 | 37 | 17 | 5 | 5 | 1 | 1 | - | - | - | - |
| MINING ... | 120 | - | 27 | 19 | 19 | 27 | 27 | - | - | - | - | - | - |
| Percent..... | 100 | - | 23 | 16 | 16 | 23 | 23 | - | - | - | - | - | - |
| MECHANICAL ... | 3,289 | - | 1,003 | 1,387 | 488 | 336 | 43 | 32 | - | - | - | - | - |
| Percent..... | 100 | - | 30 | 42 | 15 | 10 | 1 | 1 | - | - | - | - | - |
| OTHER ENGINEERING | 4,226 | - | 1,063 | 1,343 | 921 | 570 | 193 | 110 | - | - | - | - | - |
| Percent..... | 100 | - | 25 | 32 | 22 | 13 | 5 | 3 | - | - | - | - | - |
| MATHEMATICS | 3,588 | - | 1,480 | 1,453 | 382 | 136 | 27 | 55 | - | - | - | - | - |
| Percent..... | 100 | - | 41 | 40 | 11 | 4 | 1 | 2 | - | - | - | - | - |
| COMPUTER SCIENCE | 1,715 | - | 563 | 822 | 286 | 27 | - | 17 | - | - | - | - | - |
| Percent..... | 100 | - | 33 | 48 | 17 | 2 | - | 1 | - | - | - | - | - |
| Percent..... | 100 | - | 36 | 46 | 11 | 4 | 0 | 1 | 0 | - | 0 | - | - |
| PHYSICS | 2,291 | - | 806 | 924 | 395 | 95 | 18 | - | - | - | - | - | - |
| Percent..... | 100 | - | 35 | 40 | 17 | 4 | 1 | - | - | - | - | - | - |
| CHEMISTRY | 1,675 | - | 731 | 806 | 90 | 42 | - | - | 7 | - | - | - | - |
| Percent..... | 100 | - | 44 | 48 | 5 | 2 | - | - | 0 | - | - | - | - |
| EARTH SCIENCES | 1,279 | - | 413 | 726 | 88 | 20 | - | 24 | - | - | 7 | - | - |
| Percent..... | 100 | - | 32 | 57 | 7 | 2 | - | 2 | - | - | 1 | - | - |
| OTHER PHYSICAL SCIENCES ..... | 228 | - | 33 | 85 | 19 | 64 | 7 | 20 | - | - | - | - | - |
| Percent..... | 100 | - | 15 | 37 | 8 | 28 | 3 | 9 | - | - | - | - | - |
| SOCIAL SCIENCES | 9,643 | - | 2,747 | 4,813 | 852 | 679 | 243 | 238 | 72 | - | - | - | - |
| Percent..... | 100 | - | 28 | 50 | 9 | 7 | 3 | 2 | 1 | - | - | - | - |
| PSYCHOLOGY | 3,230 | - | 952 | 1,911 | 220 | 73 | 37 | 37 | - | - | - | - | - |
| Percent..... | 100 | - | 29 | 59 | 7 | 2 | 1 | 1 | - | - | - | - | - |
| OTHER | 272 | - | 12 | 141 | 119 | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 4 | 52 | 44 | - | - | - | - | - | - | - | - |

- Data not available.

64

TABLE B-12

AGE DISTRIBUTION AT MASTER'S DEGREE GRADUATION WEIGHTED FOR 1972 GRADUATING CLASS: FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| ##TOTAL ALL FIELDS.. | 10,598 | - | 3,749 | 3,589 | 903 | 817 | 751 | 182 | 169 | 138 | - | - | - |
| Percent..... | 100 | - | 35 | 34 | 9 | 8 | 7 | 2 | 2 | 1 | - | - | - |
| AGRICULTURAL SCIENCES..... | 95 | - | 14 | 68 | - | - | 14 | - | - | - | - | - | - |
| Percent..... | 100 | - | 14 | 71 | - | - | 14 | - | - | - | - | - | - |
| BIOLOGICAL SCIENCES. | 2,254 | - | 672 | 1,011 | 246 | 152 | 173 | - | - | - | - | - | - |
| Percent..... | 100 | - | 30 | 45 | 11 | 7 | 8 | - | - | - | - | - | - |
| ENGINEERING TOTAL... | 335 | - | 137 | 88 | 56 | - | 27 | 27 | - | - | - | - | - |
| Percent..... | 100 | - | 41 | 26 | 17 | - | 8 | 8 | - | - | - | - | - |
| CHEMICAL ... | 55 | - | 55 | - | - | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 100 | - | - | - | - | - | - | - | - | - | - |
| CIVIL ... | 135 | - | 27 | 13 | 48 | - | 27 | 27 | - | - | - | - | - |
| Percent..... | 100 | - | 20 | 10 | 30 | - | 20 | 20 | - | - | - | - | - |
| ELECTRICAL ... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Percent..... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MINING ... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Percent..... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MECHANICAL ... | 32 | - | - | 16 | 16 | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | - | 50 | 50 | - | - | - | - | - | - | - | - |
| OTHER ENGINEERING | 113 | - | 55 | 58 | - | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 48 | 52 | - | - | - | - | - | - | - | - | - |
| MATHEMATICS | 1,400 | - | 697 | 443 | 98 | 32 | 67 | - | 63 | - | - | - | - |
| Percent..... | 100 | - | 50 | 32 | 7 | 2 | 5 | - | 5 | - | - | - | - |
| COMPUTER SCIENCE | 264 | - | 60 | 146 | 29 | - | - | - | 29 | - | - | - | - |
| Percent..... | 100 | - | 23 | 55 | 11 | - | - | - | 11 | - | - | - | - |
| Percent..... | 100 | - | 40 | 45 | 1 | 10 | 4 | - | - | - | - | - | - |
| PHYSICS | 107 | - | 54 | 36 | - | 18 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 50 | 33 | - | 17 | - | - | - | - | - | - | - |
| CHEMISTRY | 492 | - | 200 | 213 | - | 53 | 27 | - | - | - | - | - | - |
| Percent..... | 100 | - | 41 | 43 | - | 11 | 5 | - | - | - | - | - | - |
| EARTH SCIENCES | 122 | - | 40 | 79 | 4 | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 32 | 65 | 3 | - | - | - | - | - | - | - | - |
| OTHER PHYSICAL SCIENCES ..... | 7 | - | - | 4 | 4 | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | - | 50 | 50 | - | - | - | - | - | - | - | - |
| SOCIAL SCIENCES | 2,965 | - | 891 | 985 | 186 | 462 | 139 | 62 | 31 | - | - | - | - |
| Percent..... | 100 | - | 30 | 33 | 6 | 16 | 5 | 2 | 1 | - | - | - | - |
| PSYCHOLOGY | 2,075 | - | 785 | 447 | 277 | 100 | 235 | 92 | 46 | - | - | - | - |
| Percent..... | 100 | - | 38 | 22 | 13 | 5 | 11 | 4 | 2 | - | - | - | - |
| OTHER | 481 | - | 200 | 69 | 4 | - | 69 | - | - | 138 | - | - | - |
| Percent..... | 100 | - | 42 | 14 | 1 | - | 14 | - | - | 29 | - | - | - |

- Data not available.

TABLE B-13

AGE DISTRIBUTION AT MASTER'S DEGREE GRADUATION WEIGHTED FOR 1976 GRADUATING CLASS: MALE & FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| **TOTAL ALL FIELDS.. | 58,828 | 32 | 16,348 | 25,704 | 8,948 | 3,269 | 1,850 | 1,211 | 694 | 257 | 104 | - | 26 |
| Percent | 100 | 0 | 28 | 44 | 15 | 6 | 3 | 2 | 1 | 0 | 0 | - | 0 |
| AGRICULTURAL SCIENCES | 2,938 | - | 721 | 1,472 | 542 | 54 | 67 | 67 | 13 | - | - | - | - |
| Percent | 100 | - | 25 | 50 | 18 | 2 | 2 | 2 | 0 | - | - | - | - |
| BIOLOGICAL SCIENCES. | 7,440 | - | 1,946 | 4,069 | 862 | 239 | 176 | - | 25 | - | 25 | - | - |
| Percent | 100 | - | 26 | 55 | 12 | 3 | 2 | - | 0 | - | 0 | - | - |
| ENGINEERING TOTAL... | 16,525 | - | 5,308 | 6,249 | 2,848 | 947 | 639 | 262 | 91 | 42 | 41 | - | - |
| Percent | 100 | - | 32 | 38 | 17 | 6 | 4 | 2 | 1 | 0 | 0 | - | - |
| CHEMICAL ... | 1,451 | - | 482 | 608 | 254 | 26 | 71 | 11 | - | - | - | - | - |
| Percent | 100 | - | 33 | 42 | 17 | 2 | 5 | 1 | - | - | - | - | - |
| CIVIL ... | 4,101 | - | 1,309 | 1,573 | 826 | 185 | 80 | 67 | 21 | - | - | - | - |
| Percent | 100 | - | 32 | 38 | 20 | 5 | 2 | 2 | 1 | - | - | - | - |
| ELECTRICAL ... | 4,075 | - | 1,344 | 1,670 | 601 | 204 | 104 | 69 | 14 | 14 | - | - | - |
| Percent | 100 | - | 33 | 41 | 15 | 5 | 3 | 2 | 0 | 0 | - | - | - |
| MINING ... | 272 | - | 42 | 175 | 41 | - | 7 | - | - | - | 7 | - | - |
| Percent | 100 | - | 15 | 64 | 15 | - | 3 | - | - | - | 3 | - | - |
| MECHANICAL ... | 2,461 | - | 786 | 823 | 371 | 187 | 235 | 32 | 28 | - | - | - | - |
| Percent | 100 | - | 32 | 33 | 15 | 8 | 10 | 1 | 1 | - | - | - | - |
| OTHER ENGINEERING | 4,164 | - | 1,346 | 1,401 | 755 | 345 | 142 | 83 | 28 | 28 | 34 | - | - |
| Percent | 100 | - | 32 | 34 | 18 | 8 | 3 | 2 | 1 | 1 | 1 | - | - |
| MATHEMATICS | 3,548 | - | 1,397 | 1,546 | 325 | 104 | 101 | 24 | 24 | - | 27 | - | - |
| Percent | 100 | - | 39 | 44 | 9 | 3 | 3 | 1 | 1 | - | 1 | - | - |
| COMPUTER SCIENCE | 2,954 | - | 661 | 1,321 | 497 | 219 | 73 | 121 | - | - | - | - | - |
| Percent | 100 | - | 22 | 45 | 17 | 7 | 2 | 4 | - | - | - | - | - |
| Percent | 100 | - | 36 | 47 | 10 | 3 | 1 | 1 | - | 0 | - | - | - |
| PHYSICS | 1,554 | - | 784 | 578 | 111 | 28 | 24 | - | - | - | - | - | - |
| Percent | 100 | - | 50 | 37 | 7 | 2 | 2 | - | - | - | - | - | - |
| CHEMISTRY | 1,643 | - | 540 | 862 | 141 | 54 | 30 | - | - | 16 | - | - | - |
| Percent | 100 | - | 33 | 52 | 9 | 3 | 2 | - | - | 1 | - | - | - |
| EARTH SCIENCES | 1,618 | - | 473 | 824 | 212 | 63 | - | 34 | - | - | - | - | - |
| Percent | 100 | - | 29 | 51 | 13 | 4 | - | 2 | - | - | - | - | - |
| OTHER PHYSICAL SCIENCES | 348 | - | 67 | 169 | 78 | 35 | - | - | - | - | - | - | - |
| Percent | 100 | - | 19 | 48 | 22 | 10 | - | - | - | - | - | - | - |
| SOCIAL SCIENCES | 9,449 | - | 2,573 | 4,017 | 1,467 | 531 | 329 | 276 | 165 | - | 11 | - | 26 |
| Percent | 100 | - | 27 | 43 | 16 | 6 | 3 | 3 | 2 | - | 0 | - | 0 |
| PSYCHOLOGY | 7,882 | 32 | 1,793 | 3,309 | 1,304 | 683 | 251 | 235 | 211 | 32 | - | - | - |
| Percent | 100 | 0 | 23 | 42 | 17 | 9 | 3 | 3 | 3 | 0 | - | - | - |
| OTHER | 2,930 | - | 84 | 1,287 | 561 | 313 | 162 | 192 | 165 | 166 | - | - | - |
| Percent | 100 | - | 3 | 44 | 19 | 11 | 6 | 7 | 6 | 6 | - | - | - |

- Data not available.

TABLE B-14

AGE DISTRIBUTION AT MASTER'S DEGREE GRADUATION WEIGHTED FOR 1976 GRADUATING CLASS: MALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| **TOTAL ALL FIELDS.. | 45,670 | 32 | 13,158 | 20,241 | 7,008 | 2,317 | 1,330 | 697 | 349 | 74 | 66 | - | 26 |
| Percent..... | 100 | 0 | 29 | 44 | 15 | 5 | 3 | 2 | 1 | 0 | 0 | - | 0 |
| AGRICULTURAL SCIENCES..... | 2,528 | - | 551 | 1,302 | 474 | 54 | 67 | 67 | 13 | - | - | - | - |
| Percent..... | 100 | - | 22 | 51 | 19 | 2 | 3 | 3 | 1 | - | - | - | - |
| BIOLOGICAL SCIENCES. | 5,153 | - | 1,357 | 2,800 | 736 | 87 | 25 | - | 25 | - | 25 | - | - |
| Percent..... | 100 | - | 26 | 54 | 14 | 2 | 0 | - | 0 | - | 0 | - | - |
| ENGINEERING TOTAL... | 15,987 | - | 5,082 | 6,021 | 2,820 | 901 | 639 | 262 | 83 | 42 | 41 | - | - |
| Percent..... | 100 | - | 32 | 38 | 18 | 6 | 4 | 2 | 1 | 0 | 0 | - | - |
| CHEMICAL ... | 1,400 | - | 441 | 597 | 254 | 26 | 71 | 11 | - | - | - | - | - |
| Percent..... | 100 | - | 32 | 43 | 18 | 2 | 5 | 1 | - | - | - | - | - |
| CIVIL ... | 3,956 | - | 1,239 | 1,522 | 826 | 168 | 80 | 67 | 13 | - | - | - | - |
| Percent..... | 100 | - | 31 | 38 | 21 | 4 | 2 | 2 | 0 | - | - | - | - |
| ELECTRICAL ... | 4,020 | - | 1,330 | 1,629 | 601 | 204 | 104 | 69 | 14 | 14 | - | - | - |
| Percent..... | 100 | - | 33 | 41 | 15 | 5 | 3 | 2 | 0 | 0 | - | - | - |
| MINING ... | 258 | - | 42 | 161 | 41 | - | 7 | - | - | - | 7 | - | - |
| Percent..... | 100 | - | 16 | 62 | 16 | - | 3 | - | - | - | 3 | - | - |
| MECHANICAL ... | 2,421 | - | 774 | 823 | 371 | 159 | 235 | 32 | 28 | - | - | - | - |
| Percent..... | 100 | - | 32 | 34 | 15 | 7 | 10 | 1 | 1 | - | - | - | - |
| OTHER ENGINEERING | 3,932 | - | 1,256 | 1,289 | 727 | 345 | 142 | 83 | 28 | 28 | 34 | - | - |
| Percent..... | 100 | - | 32 | 33 | 18 | 9 | 4 | 2 | 1 | 1 | 1 | - | - |
| MATHEMATICS | 2,342 | - | 995 | 1,037 | 191 | 24 | 48 | 24 | 24 | - | - | - | - |
| Percent..... | 100 | - | 42 | 44 | 8 | 1 | 2 | 1 | 1 | - | - | - | - |
| COMPUTER SCIENCE | 2,496 | - | 521 | 1,156 | 414 | 162 | 73 | 121 | - | - | - | - | - |
| Percent..... | 100 | - | 21 | 46 | 17 | 7 | 3 | 5 | - | - | - | - | - |
| Percent..... | 100 | - | 38 | 45 | 10 | 4 | 1 | 1 | - | - | - | - | - |
| PHYSICS | 1,496 | - | 756 | 548 | 111 | 28 | 24 | - | - | - | - | - | - |
| Percent..... | 100 | - | 51 | 37 | 7 | 2 | 2 | - | - | - | - | - | - |
| CHEMISTRY | 1,292 | - | 492 | 652 | 79 | 54 | 14 | - | - | - | - | - | - |
| Percent..... | 100 | - | 38 | 51 | 6 | 4 | 1 | - | - | - | - | - | - |
| EARTH SCIENCES | 1,444 | - | 413 | 718 | 212 | 63 | - | 25 | - | - | - | - | - |
| Percent..... | 100 | - | 29 | 50 | 15 | 4 | - | 2 | - | - | - | - | - |
| OTHER PHYSICAL SCIENCES ..... | 235 | - | 40 | 105 | 64 | 26 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 17 | 45 | 27 | 11 | - | - | - | - | - | - | - |
| SOCIAL SCIENCES | 6,695 | - | 1,945 | 3,144 | 882 | 349 | 215 | 26 | 54 | - | - | - | 26 |
| Percent..... | 100 | - | 29 | 47 | 13 | 5 | 3 | 0 | 1 | - | - | - | 0 |
| PSYCHOLOGY | 4,087 | 32 | 1,005 | 1,804 | 644 | 312 | 64 | 64 | 97 | 32 | - | - | - |
| Percent..... | 100 | 1 | 25 | 44 | 16 | 8 | 2 | 2 | 2 | 1 | - | - | - |
| OTHER | 1,916 | - | - | 954 | 382 | 257 | 162 | 108 | 54 | - | - | - | - |
| Percent..... | 100 | - | - | 50 | 20 | 13 | 8 | 6 | 3 | - | - | - | - |

- Data not available.

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TABLE B-15

AGE DISTRIBUTION AT MASTER'S DEGREE GRADUATION WEIGHTED FOR 1976 GRADUATING CLASS: FEMALE

| Field | Total | AGE AT RECEIPT OF MASTERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNDER 20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | NOT REPORTED |
| ##TOTAL ALL FIELDS.. | 13,158 | - | 3,190 | 5,463 | 1,940 | 952 | 520 | 514 | 345 | 182 | 38 | - | - |
| Percent..... | 100 | - | 24 | 42 | 15 | 7 | 4 | 4 | 3 | 1 | 0 | - | - |
| AGRICULTURAL SCIENCES..... | 410 | - | 171 | 171 | 68 | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 42 | 42 | 17 | - | - | - | - | - | - | - | - |
| BIOLOGICAL SCIENCES. | 2,287 | - | 589 | 1,269 | 126 | 151 | 151 | - | - | - | - | - | - |
| Percent..... | 100 | - | 26 | 56 | 6 | 7 | 7 | - | - | - | - | - | - |
| ENGINEERING TOTAL... | 537 | - | 226 | 229 | 28 | 46 | - | - | 8 | - | - | - | - |
| Percent..... | 100 | - | 42 | 43 | 5 | 9 | - | - | 2 | - | - | - | - |
| CHEMICAL ... | 51 | - | 40 | 11 | - | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 78 | 22 | - | - | - | - | - | - | - | - | - |
| CIVIL ... | 146 | - | 70 | 50 | - | 17 | - | - | 8 | - | - | - | - |
| Percent..... | 100 | - | 48 | 35 | - | 12 | - | - | 6 | - | - | - | - |
| ELECTRICAL ... | 55 | - | 14 | 41 | - | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 25 | 75 | - | - | - | - | - | - | - | - | - |
| MINING ... | 14 | - | - | 14 | - | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | - | 100 | - | - | - | - | - | - | - | - | - |
| MECHANICAL ... | 40 | - | 12 | - | - | 28 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 29 | - | - | 71 | - | - | - | - | - | - | - |
| OTHER ENGINEERING | 232 | - | 91 | 112 | 28 | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 39 | 49 | 12 | - | - | - | - | - | - | - | - |
| MATHEMATICS | 1,206 | - | 402 | 509 | 134 | 80 | 54 | - | - | - | 27 | - | - |
| Percent..... | 100 | - | 33 | 42 | 11 | 7 | 4 | - | - | - | 2 | - | - |
| COMPUTER SCIENCE | 458 | - | 140 | 165 | 83 | 57 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 31 | 36 | 18 | 12 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 23 | 59 | 11 | 1 | 2 | 1 | - | 2 | - | - | - |
| PHYSICS | 58 | - | 28 | 30 | - | - | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 48 | 52 | - | - | - | - | - | - | - | - | - |
| CHEMISTRY | 352 | - | 48 | 209 | 62 | - | 16 | - | - | 16 | - | - | - |
| Percent..... | 100 | - | 14 | 60 | 18 | - | 5 | - | - | 5 | - | - | - |
| EARTH SCIENCES | 174 | - | 59 | 105 | - | - | - | 9 | - | - | - | - | - |
| Percent..... | 100 | - | 34 | 61 | - | - | - | 5 | - | - | - | - | - |
| OTHER PHYSICAL SCIENCES ..... | 113 | - | 26 | 63 | 14 | 9 | - | - | - | - | - | - | - |
| Percent..... | 100 | - | 23 | 56 | 13 | 8 | - | - | - | - | - | - | - |
| SOCIAL SCIENCES | 2,754 | - | 628 | 873 | 585 | 182 | 113 | 251 | 111 | - | 11 | - | - |
| Percent..... | 100 | - | 23 | 32 | 21 | 7 | 4 | 9 | 4 | - | 0 | - | - |
| PSYCHOLOGY | 3,796 | - | 788 | 1,506 | 660 | 371 | 186 | 170 | 115 | - | - | - | - |
| Percent..... | 100 | - | 21 | 40 | 17 | 10 | 5 | 4 | 3 | - | - | - | - |
| OTHER | 1,014 | - | 84 | 333 | 180 | 55 | - | 84 | 111 | 166 | - | - | - |
| Percent..... | 100 | - | 8 | 33 | 18 | 5 | - | 8 | 11 | 16 | - | - | - |

- Data not available.

# appendix c

DETAILED STATISTICAL TABLES


Page

DISTRIBUTIONS OF AGES AT WHICH MASTER'S-HOLDERS EARNED PH.D. DEGREES

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TABLE C-1

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: MATHEMATICS & STATISTICS, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 12 | - | - | - | - | 1 | - | - | 1 | 1 | 1 | - | - | 2 | - | 1 | - | - | 2 | - | - | - | - | - | 1 | 1 | - | - |
| 58 | 14 | 1 | - | - | - | - | - | - | 1 | 1 | 2 | - | 1 | - | - | - | 1 | - | 1 | 1 | - | - | - | 2 | - | - | 1 | - |
| 59 | 19 | - | - | - | - | - | - | 1 | - | 1 | - | 1 | 1 | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 1 | 1 | 2 | - |
| 60 | 26 | - | - | - | - | - | - | - | 1 | 1 | 3 | - | - | 3 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | - | - | - | - | - |
| 61 | 23 | - | - | - | - | - | 1 | - | 1 | 1 | 4 | 1 | - | - | 3 | 1 | 2 | - | - | 1 | - | 2 | 3 | - | - | - | - | 1 |
| 62 | 21 | - | - | - | - | - | - | - | 3 | 5 | - | 1 | 1 | 4 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 63 | 27 | - | - | - | - | - | 1 | 1 | 2 | 4 | 4 | - | 2 | - | - | 1 | 1 | 2 | 1 | - | 2 | 1 | 1 | - | - | 1 | - | - |
| 64 | 41 | - | - | - | - | - | 1 | 1 | 6 | 3 | 6 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | - | 1 | 2 | 1 | 1 | 1 | - | 1 | - | - |
| 65 | 43 | - | - | - | 1 | - | 1 | 2 | 1 | 2 | 3 | 2 | 3 | 5 | 3 | - | 2 | 2 | 2 | 3 | - | 2 | 2 | 2 | - | - | - | - |
| 66 | 58 | - | - | - | - | - | 1 | 4 | 7 | 5 | 6 | 3 | 4 | 2 | 2 | 2 | 4 | 1 | 1 | 3 | 1 | - | - | 1 | - | 1 | 2 | - |
| 67 | 51 | - | - | - | - | - | - | 3 | 2 | 6 | 3 | 4 | 5 | 5 | - | 2 | 2 | 1 | 2 | 3 | - | 4 | - | - | 1 | - | 1 | - |
| 68 | 45 | - | - | - | - | - | 1 | 2 | 1 | 8 | 9 | 6 | 2 | - | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | - | 1 | 1 | - | - | - |
| 69 | 78 | - | - | - | - | - | 1 | 4 | 8 | 9 | 8 | 7 | 2 | 5 | 4 | 2 | 1 | - | 4 | 1 | 2 | 2 | 1 | 3 | 2 | 1 | 2 | 3 |
| 70 | 102 | - | - | - | - | - | - | 3 | 16 | 18 | 11 | 7 | 6 | 8 | 2 | 3 | 3 | 1 | 5 | 1 | 2 | 2 | 2 | - | 3 | 1 | - | 5 |
| 71 | 98 | - | - | - | - | 1 | - | 6 | 9 | 15 | 8 | 7 | 7 | 9 | 4 | 1 | 6 | 4 | 2 | 2 | - | 1 | 2 | 1 | 1 | 2 | - | 1 |
| 72 | 116 | - | - | - | - | 1 | 2 | 5 | 9 | 11 | 12 | 9 | 5 | 6 | 9 | 5 | 4 | 3 | - | 3 | 3 | 1 | - | 4 | 2 | 3 | 2 | 2 |
| 73 | 144 | - | - | - | - | - | 2 | 5 | 12 | 18 | 17 | 9 | 10 | 7 | 4 | 10 | 5 | 7 | 7 | 4 | 1 | 5 | 2 | 3 | 2 | 2 | 2 | - |
| 74 | 150 | - | - | - | - | 1 | 2 | 5 | 14 | 16 | 17 | 12 | 5 | 13 | 13 | 6 | 10 | 7 | 7 | 2 | 1 | 2 | 2 | 1 | - | 1 | 1 | 3 |
| 75 | 138 | - | - | - | - | - | - | 8 | 10 | 14 | 12 | 17 | 11 | 10 | 8 | 8 | 6 | 4 | 1 | 5 | 2 | 2 | 2 | 3 | 4 | 1 | - | 1 |
| 76 | 150 | - | - | - | - | - | - | 3 | 8 | 13 | 11 | 19 | 8 | 14 | 8 | 9 | 2 | 9 | 3 | 4 | 8 | 3 | 4 | 3 | 1 | 1 | 2 | - |
| 77 | 135 | - | - | - | - | - | - | 5 | 5 | 16 | 15 | 18 | 13 | 10 | 4 | 5 | 4 | 7 | 7 | 8 | 2 | 2 | 1 | 1 | 2 | 1 | - | 1 |
| 78 | 67 | - | - | - | - | - | - | 2 | 5 | 6 | 6 | 7 | 10 | 7 | 3 | 3 | 1 | 5 | 1 | 1 | - | 3 | 1 | - | 1 | 1 | - | 2 |

- Data not available.

TABLE C-1

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: MATHEMATICS & STATISTICS, FEMALE

AGE AT PH.D. GRADUATION

| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 2 | - | - | 1 | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 2 | 1 | 1 | 2 | - | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | 1 | - | 2 | 1 | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - |
| - | 2 | 3 | - | - | - | - | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| - | 1 | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - |
| 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 2 | 1 | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - |
| - | 2 | 2 | 2 | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | 1 | - | 2 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 4 | - | - | 1 | - | 1 | - | - | 1 | 1 | - | 1 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | - | 1 | 1 | - | - | - | - | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 2 | 1 | 3 | 2 | 1 | 2 | 3 | 3 | 1 | - | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 2 | 1 | - | 3 | 1 | - | 5 | - | - | - | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 2 | 2 | 2 | 1 | 2 | - | 1 | 2 | 2 | 2 | - | 1 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 3 | 1 | - | 4 | 2 | 2 | 2 | 2 | 2 | 3 | - | 4 | 2 | - | 1 | - | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | 1 |
| 1 | 5 | 2 | 3 | 2 | 2 | 2 | 2 | - | 1 | - | 1 | 1 | 1 | 2 | - | - | - | - | - | 1 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - |
| 1 | 2 | 2 | 1 | - | - | 1 | - | 3 | - | - | - | 1 | 3 | 2 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 2 | 2 | 2 | 3 | 4 | 1 | - | - | 1 | 2 | 1 | 1 | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - |
| 8 | 3 | 4 | 3 | 1 | 1 | 2 | - | - | 3 | 2 | - | - | 2 | - | 1 | 1 | 1 | 2 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | 1 |
| 2 | 2 | 1 | 1 | 2 | 1 | - | 1 | - | 1 | 2 | 4 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 3 | 1 | - | 1 | 1 | - | 2 | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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TABLE C-2

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: MATHEMATICS & STATISTICS, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 49 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 4 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 4 | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 196 | 1 | - | 1 | - | 1 | 3 | 8 | 14 | 21 | 17 | 16 | 22 | 15 | 14 | 11 | 9 | 6 | 6 | 6 | 6 | 4 | 2 | 3 | 3 | 2 | 1 | 2 |
| 58 | 197 | - | - | - | - | 1 | 4 | 9 | 11 | 28 | 23 | 13 | 20 | 17 | 9 | 9 | 9 | 5 | 8 | 6 | 1 | 5 | 1 | - | 2 | 2 | 4 | 1 |
| 59 | 243 | - | 1 | - | 1 | 1 | 2 | 16 | 13 | 25 | 16 | 31 | 20 | 14 | 23 | 12 | 11 | 12 | 8 | 6 | 3 | 3 | 3 | 2 | 6 | 3 | 3 | 1 |
| 60 | 228 | - | - | 1 | - | - | 5 | 10 | 19 | 16 | 26 | 19 | 23 | 17 | 19 | 15 | 7 | 5 | 9 | 6 | 7 | - | 3 | 3 | 1 | 4 | 5 | 1 |
| 61 | 287 | - | - | - | 1 | 1 | 10 | 9 | 29 | 22 | 28 | 23 | 28 | 23 | 20 | 22 | 12 | 9 | 4 | 7 | 7 | 5 | 3 | 2 | 5 | 3 | 1 | 2 |
| 62 | 333 | - | - | - | - | - | 6 | 20 | 25 | 40 | 24 | 28 | 28 | 29 | 19 | 22 | 21 | 14 | 8 | 7 | 8 | 7 | 6 | 2 | 5 | 1 | 3 | 3 |
| 63 | 411 | 1 | - | - | - | 3 | 9 | 20 | 48 | 38 | 29 | 31 | 29 | 34 | 32 | 21 | 19 | 15 | 12 | 12 | 6 | 13 | 6 | 3 | 2 | 3 | 3 | 4 |
| 64 | 461 | - | - | - | - | 3 | 4 | 36 | 51 | 54 | 40 | 44 | 37 | 27 | 29 | 17 | 23 | 16 | 14 | 11 | 12 | 5 | 5 | 4 | 3 | 6 | 2 | - |
| 65 | 578 | - | - | - | 3 | 2 | 18 | 38 | 65 | 92 | 74 | 65 | 38 | 26 | 20 | 20 | 16 | 19 | 9 | 13 | 11 | 9 | 7 | 4 | 4 | 5 | 2 | - |
| 66 | 599 | - | - | 1 | - | 5 | 14 | 35 | 61 | 93 | 70 | 62 | 48 | 35 | 25 | 29 | 26 | 18 | 12 | 13 | 10 | 11 | 9 | 6 | 4 | 3 | 1 | 2 |
| 67 | 679 | - | - | - | - | 3 | 20 | 46 | 73 | 109 | 72 | 64 | 48 | 47 | 36 | 22 | 28 | 18 | 20 | 8 | 8 | 6 | 7 | 10 | 8 | 5 | 2 | 4 |
| 68 | 851 | - | - | - | 1 | 1 | 12 | 50 | 106 | 118 | 100 | 89 | 58 | 75 | 39 | 31 | 33 | 27 | 20 | 12 | 19 | 10 | 8 | 7 | 7 | 6 | 3 | 8 |
| 69 | 919 | 1 | - | - | - | 2 | 9 | 41 | 108 | 169 | 125 | 81 | 70 | 56 | 45 | 37 | 30 | 32 | 24 | 15 | 11 | 10 | 11 | 6 | 8 | 4 | 6 | 5 |
| 70 | 1E3 | - | - | - | - | 2 | 12 | 35 | 101 | 137 | 143 | 99 | 101 | 75 | 79 | 49 | 40 | 27 | 21 | 21 | 21 | 14 | 13 | 7 | 11 | 5 | 3 | 1 |
| 71 | 1E3 | 1 | - | - | 1 | 5 | 5 | 38 | 87 | 140 | 115 | 123 | 96 | 89 | 63 | 69 | 34 | 46 | 32 | 25 | 20 | 15 | 11 | 11 | 11 | 6 | 3 | 3 |
| 72 | 1E3 | - | - | - | - | 1 | 5 | 34 | 85 | 110 | 114 | 134 | 119 | 100 | 81 | 64 | 47 | 43 | 34 | 31 | 35 | 20 | 24 | 17 | 12 | 10 | 5 | 6 |
| 73 | 1E3 | - | - | - | - | 1 | 10 | 33 | 68 | 109 | 101 | 104 | 118 | 99 | 67 | 66 | 56 | 44 | 33 | 23 | 16 | 13 | 11 | 14 | 5 | 4 | 5 | 4 |
| 74 | 929 | - | - | - | 1 | 1 | 10 | 18 | 78 | 103 | 99 | 91 | 91 | 78 | 79 | 40 | 57 | 46 | 24 | 20 | 16 | 17 | 15 | 7 | 9 | 7 | 5 | 1 |
| 75 | 889 | - | - | 1 | - | - | 4 | 16 | 79 | 85 | 106 | 91 | 70 | 74 | 69 | 72 | 36 | 21 | 32 | 27 | 16 | 15 | 17 | 10 | 8 | 7 | 3 | 6 |
| 76 | 803 | - | - | - | 1 | - | 5 | 22 | 45 | 74 | 83 | 95 | 77 | 68 | 51 | 53 | 43 | 36 | 21 | 26 | 19 | 19 | 10 | 13 | 4 | 4 | 4 | 7 |
| 77 | 747 | - | - | - | 1 | 2 | 6 | 18 | 52 | 81 | 67 | 77 | 72 | 75 | 50 | 42 | 34 | 38 | 23 | 24 | 11 | 14 | 15 | 13 | 7 | 6 | 3 | 1 |
| 78 | 333 | - | - | - | - | - | 1 | 7 | 21 | 31 | 35 | 32 | 30 | 40 | 23 | 22 | 14 | 11 | 9 | 9 | 7 | 5 | 4 | 4 | 3 | 5 | 3 | 4 |

- Data not available.

TABLE C-2

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: MATHEMATICS & STATISTICS, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OL-DER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 4 | 2 | 3 | 3 | 2 | 1 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 5 | 1 | - | 2 | 2 | 4 | 1 | 1 | 4 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 3 | 3 | 2 | 6 | 3 | 3 | 1 | 2 | - | - | - | 1 | - | 1 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 7 | - | 3 | 3 | 1 | 4 | 5 | 1 | 2 | 2 | - | - | 1 | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 7 | 5 | 3 | 2 | 5 | 3 | 1 | 2 | 3 | - | 4 | - | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 8 | 7 | 6 | 2 | 5 | 1 | 3 | 3 | 1 | - | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - |
| 6 | 13 | 6 | 3 | 2 | 3 | 3 | 4 | - | 1 | - | 2 | - | - | - | 1 | 1 | - | 2 | 1 | - | - | - | - | - | 9 | - | - | - | - | - | - | - |
| 12 | 5 | 5 | 4 | 3 | 6 | 2 | - | 2 | 3 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 9 | - | - | - | - | - | - |
| 11 | 9 | 7 | 4 | 4 | 5 | 2 | - | 2 | - | - | 2 | 1 | 3 | - | - | 1 | - | 1 | - | 1 | - | - | - | - | - | - | 7 | - | - | - | - | - |
| 10 | 11 | 9 | 6 | 4 | 3 | 1 | 2 | - | 2 | - | 1 | - | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | 6 | 7 | 10 | 8 | 5 | 2 | 4 | 5 | 1 | - | 1 | - | 2 | 1 | 1 | 2 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 10 | 8 | 7 | 7 | 6 | 3 | 8 | - | 2 | 2 | 2 | 1 | - | - | 1 | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - |
| 11 | 10 | 11 | 6 | 8 | 4 | 6 | 5 | - | 4 | 2 | 1 | 1 | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 21 | 14 | 13 | 7 | 11 | 5 | 3 | 1 | - | 3 | 2 | - | 1 | 1 | 1 | 1 | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| 20 | 15 | 11 | 11 | 11 | 6 | 3 | 3 | 3 | 2 | 4 | 1 | 3 | - | - | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| 35 | 20 | 24 | 17 | 12 | 10 | 5 | 6 | 1 | 1 | 2 | 1 | 3 | 5 | - | - | 1 | 1 | 1 | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | 2 |
| 16 | 13 | 11 | 14 | 5 | 4 | 5 | 4 | 4 | 2 | 2 | 2 | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 16 | 17 | 15 | 7 | 9 | 7 | 5 | 1 | 4 | 3 | 1 | 3 | 1 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| 16 | 15 | 17 | 10 | 8 | 7 | 3 | 6 | 5 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | - | - | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 |
| 19 | 19 | 10 | 13 | 4 | 4 | 4 | 7 | 5 | - | 2 | 2 | 1 | 2 | 3 | - | 1 | 1 | - | 2 | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | 1 |
| 11 | 14 | 15 | 13 | 7 | 6 | 3 | 1 | 4 | 1 | - | 1 | 1 | 1 | 1 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| 7 | 5 | 4 | 4 | 3 | 5 | 3 | 4 | 4 | 3 | - | 2 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-3

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: COMPUTER SCIENCE, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 77 | 4 | - | - | - | - | - | - | - | 1 | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 78 | 5 | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: COMPUTER SCIENCE, FEMALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-4

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: COMPUTER SCIENCE, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 76 | 5 | - | - | - | - | - | - | - | 1 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 77 | 46 | - | - | - | - | - | - | 3 | 3 | 7 | 5 | 6 | 6 | 5 | 5 | - | 1 | 1 | 1 | - | - | 2 | - | - | - | - | - | 1 |
| 78 | 37 | - | - | - | - | - | - | 1 | 1 | 2 | 5 | 3 | 6 | 7 | 2 | 2 | 2 | 2 | 1 | - | 1 | - | 1 | - | - | - | - | - |

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: COMPUTER SCIENCE, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |

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TABLE C-5

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: CHEMISTRY, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 52 | 2 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 3 | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 37 | - | - | - | - | - | - | 1 | 3 | 5 | 3 | 3 | 1 | 2 | 1 | 4 | 1 | 2 | 3 | 2 | - | 2 | - | 1 | - | - | 1 | - |
| 58 | 31 | - | - | - | - | - | - | 1 | 1 | 2 | 8 | 1 | 5 | - | 2 | - | 1 | 3 | - | - | - | 2 | - | - | 1 | 1 | - | 2 |
| 59 | 33 | - | - | - | - | - | - | - | 3 | 2 | 3 | 2 | 5 | 1 | - | 4 | 1 | 1 | 2 | 2 | 1 | - | 1 | 1 | - | 1 | 1 | - |
| 60 | 32 | - | - | - | - | - | - | 1 | 2 | 4 | 1 | 2 | 5 | 4 | 2 | 2 | 1 | - | 1 | - | 1 | 1 | 2 | - | - | - | - | 1 |
| 61 | 49 | - | - | - | - | - | - | 2 | 5 | 1 | 6 | 5 | 3 | 3 | 5 | 4 | 2 | 1 | 1 | - | 3 | - | 1 | 1 | 2 | - | - | 1 |
| 62 | 45 | - | - | - | - | - | - | 4 | 1 | 6 | 6 | 7 | 1 | 7 | 1 | 1 | 2 | 1 | 3 | 1 | - | - | - | 1 | - | 2 | - | - |
| 63 | 55 | - | - | - | - | - | - | 6 | 3 | 7 | 9 | 5 | 4 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | - | - | 3 | - | - | - |
| 64 | 58 | - | - | - | - | - | - | 7 | 4 | 7 | 4 | 5 | 4 | - | 2 | 4 | 2 | 1 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | - |
| 65 | 46 | - | - | - | - | - | - | - | 5 | 6 | 6 | 3 | 5 | 3 | 3 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 1 | - | - | - | 1 |
| 66 | 62 | - | - | - | - | - | 1 | - | 4 | 7 | 10 | 4 | 7 | 5 | 2 | 1 | 5 | 1 | 3 | 1 | 1 | 2 | - | - | - | 3 | 1 | - |
| 67 | 75 | - | - | - | - | - | 2 | 4 | 12 | 5 | 6 | 4 | 11 | 4 | 4 | 2 | 1 | 2 | 1 | 3 | 1 | 1 | 1 | 3 | - | 1 | 1 | - |
| 68 | 60 | - | - | - | - | - | - | - | 1 | 11 | 6 | 8 | 9 | 2 | 5 | 3 | 4 | 1 | - | 2 | 1 | - | 1 | - | 1 | - | 2 | - |
| 69 | 95 | - | - | - | - | - | 2 | - | 8 | 16 | 11 | 8 | 10 | 7 | 5 | 1 | 4 | 2 | 2 | - | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 6 |
| 70 | 104 | - | - | - | - | - | 1 | 2 | 4 | 16 | 10 | 16 | 9 | 6 | 11 | 3 | 4 | 4 | 1 | 1 | - | 2 | 5 | - | - | - | 1 | 2 |
| 71 | 96 | - | - | - | - | 2 | - | 2 | 7 | 10 | 12 | 12 | 10 | 3 | 2 | 4 | 2 | 5 | 3 | 2 | 3 | 2 | - | 2 | 1 | 2 | 1 | 2 |
| 72 | 102 | - | - | - | - | - | 1 | 1 | 2 | 11 | 12 | 13 | 12 | 4 | 7 | - | 6 | 5 | 2 | 3 | 3 | 2 | 3 | 1 | - | 3 | 3 | - |
| 73 | 107 | - | - | - | - | - | - | 2 | 5 | 17 | 11 | 13 | 12 | 7 | 7 | 3 | 3 | 4 | - | 3 | 5 | 1 | 1 | 1 | - | - | 1 | - |
| 74 | 94 | - | - | - | - | - | - | 2 | 2 | 13 | 10 | 9 | 10 | 12 | 5 | 7 | 3 | 2 | 3 | 1 | 1 | 1 | 2 | 1 | - | 1 | - | 1 |
| 75 | 102 | - | - | - | - | - | - | 2 | 4 | 8 | 17 | 11 | 11 | 4 | 4 | 9 | 8 | 4 | 1 | 1 | 1 | 3 | - | 2 | - | - | - | - |
| 76 | 115 | - | - | - | - | - | - | 4 | 5 | 11 | 21 | 12 | 13 | 4 | 5 | 3 | 3 | 4 | 5 | 6 | 2 | 2 | 2 | - | - | 1 | - | - |
| 77 | 116 | - | - | - | - | - | - | 4 | 9 | 15 | 17 | 7 | 10 | 7 | 7 | 3 | 7 | 7 | 2 | 1 | 5 | 1 | 2 | - | 2 | 2 | 2 | - |
| 78 | 65 | - | - | - | - | - | - | 2 | 1 | 8 | 10 | 5 | 8 | 4 | 6 | 2 | 3 | 3 | 1 | - | 1 | 2 | 1 | 2 | - | 1 | 1 | - |

- Data not available.

TABLE C-5

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: CHEMISTRY, FEMALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 2 | - | 1 | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 2 | - | - | 1 | 1 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | 2 | - | - | - | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | - | 1 | 1 | 2 | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - |
| - | - | - | 1 | - | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | - | - | 3 | - | - | - | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 1 | 2 | 2 | 2 | 2 | 1 | 1 | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 3 | 2 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 2 | - | - | - | 3 | 1 | - | 3 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | 1 | 3 | - | 1 | 1 | - | - | 1 | 1 | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | 1 | - | 1 | - | 2 | - | 1 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 1 | 1 | 2 | 1 | 1 | 1 | 6 | - | - | 2 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 2 | 5 | - | - | - | 1 | 2 | 2 | 1 | 1 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 2 | - | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 3 | 2 | 2 | 1 | - | 3 | 3 | - | 2 | 1 | 2 | 2 | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 1 | 1 | 1 | - | - | 1 | - | 2 | 3 | - | 1 | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | 2 | 1 | 1 | 3 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 3 | - | 2 | - | - | - | - | 1 | 3 | - | 2 | 3 | 1 | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 2 | 2 | 2 | - | - | 1 | - | 1 | - | - | 1 | 1 | - | 2 | 1 | - | - | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 1 | 2 | - | 2 | 2 | 2 | - | 2 | - | 1 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 2 | 1 | 2 | - | 1 | 1 | - | - | - | - | 1 | - | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-6

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: CHEMISTRY, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 5 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 49 | 12 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 10 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 12 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 11 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 17 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 55 | 9 | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 534 | - | - | - | - | 1 | 9 | 29 | 64 | 79 | 65 | 67 | 46 | 36 | 33 | 27 | 19 | 13 | 12 | 7 | 4 | 4 | 5 | 3 | 2 | 2 | 2 | 1 |
| 58 | 512 | - | - | - | - | 1 | 7 | 24 | 48 | 69 | 79 | 52 | 45 | 41 | 27 | 22 | 20 | 13 | 9 | 13 | 10 | 9 | 7 | 3 | 2 | - | 3 | 1 |
| 59 | 561 | - | - | - | 1 | 3 | 3 | 11 | 67 | 72 | 83 | 69 | 59 | 50 | 33 | 21 | 20 | 10 | 5 | 8 | 6 | 10 | 7 | 6 | 3 | : | 1 | 2 |
| 60 | 559 | 1 | - | - | 1 | - | 8 | 30 | 41 | 68 | 61 | 66 | 53 | 53 | 40 | 22 | 17 | 21 | 12 | 11 | 6 | 5 | 7 | 7 | 5 | 5 | 2 | 6 |
| 61 | 500 | - | - | - | - | - | 1 | 26 | 48 | 42 | 50 | 55 | 66 | 52 | 39 | 24 | 16 | 14 | 12 | 10 | 10 | 6 | 3 | 3 | 2 | 5 | 2 | 4 |
| 62 | 557 | - | - | - | - | 1 | 2 | 26 | 46 | 69 | 65 | 66 | 58 | 44 | 35 | 30 | 21 | 12 | 13 | 13 | 13 | 7 | 6 | 5 | 6 | 1 | 5 | 1 |
| 63 | 579 | - | - | - | - | 1 | 5 | 23 | 53 | 74 | 62 | 63 | 61 | 38 | 42 | 38 | 22 | 12 | 12 | 8 | 9 | 8 | 9 | 4 | 4 | 4 | 1 | 1 |
| 64 | 559 | - | - | - | - | - | 3 | 18 | 54 | 68 | 72 | 54 | 48 | 43 | 37 | 36 | 20 | 25 | 22 | 9 | 5 | 3 | 5 | 6 | 3 | 4 | 2 | 1 |
| 65 | 605 | - | - | - | - | 1 | 3 | 17 | 53 | 79 | 72 | 55 | 47 | 51 | 44 | 32 | 20 | 21 | 21 | 19 | 12 | 7 | 5 | 4 | 8 | 5 | 3 | 1 |
| 66 | 694 | - | - | - | - | 2 | 6 | 22 | 70 | 94 | 75 | 81 | 56 | 50 | 56 | 31 | 28 | 15 | 19 | 12 | 15 | 11 | 9 | 5 | 7 | 7 | 1 | 3 |
| 67 | 694 | - | - | - | - | - | 3 | 26 | 69 | 94 | 83 | 86 | 57 | 52 | 37 | 38 | 21 | 28 | 17 | 11 | 12 | 10 | 6 | 8 | 7 | 2 | 7 | 5 |
| 68 | 683 | - | - | - | - | - | 1 | 18 | 69 | 97 | 102 | 76 | 63 | 56 | 33 | 30 | 25 | 21 | 20 | 15 | 6 | 11 | 11 | 4 | 6 | 2 | 3 | 5 |
| 69 | 735 | - | - | - | - | 1 | 4 | 11 | 56 | 114 | 95 | 87 | 69 | 56 | 56 | 42 | 24 | 24 | 27 | 9 | 14 | 6 | 7 | 2 | 3 | 3 | 4 | 2 |
| 70 | 785 | - | - | - | - | 4 | 1 | 10 | 38 | 112 | 121 | 103 | 78 | 60 | 47 | 32 | 45 | 17 | 20 | 18 | 16 | 7 | 11 | 6 | 6 | 2 | 5 | 2 |
| 71 | 726 | - | - | - | - | - | 2 | 7 | 45 | 81 | 90 | 114 | 83 | 62 | 41 | 45 | 34 | 25 | 18 | 19 | 12 | 13 | 6 | 3 | 3 | 5 | 5 | 1 |
| 72 | 717 | - | - | - | - | 1 | 2 | 8 | 48 | 79 | 80 | 93 | 76 | 61 | 69 | 40 | 34 | 20 | 18 | 16 | 14 | 7 | 8 | 8 | 6 | 6 | 2 | 7 |
| 73 | 687 | - | - | - | - | - | 1 | 6 | 43 | 69 | 84 | 72 | 96 | 66 | 55 | 46 | 27 | 27 | 18 | 16 | 15 | 5 | 6 | 7 | 6 | 6 | - | 3 |
| 74 | 632 | - | - | - | - | - | 1 | 6 | 32 | 78 | 78 | 89 | 56 | 52 | 46 | 52 | 37 | 18 | 16 | 22 | 13 | 4 | 4 | 6 | 4 | 6 | - | - |
| 75 | 626 | - | - | - | - | 1 | 4 | 7 | 38 | 67 | 89 | 78 | 63 | 47 | 52 | 41 | 29 | 32 | 12 | 10 | 9 | 1 | 10 | 5 | 8 | 5 | 4 | - |
| 76 | 597 | - | - | - | - | 1 | 2 | 7 | 38 | 60 | 72 | 79 | 90 | 52 | 45 | 34 | 25 | 17 | 17 | 14 | 5 | 7 | 5 | 6 | 2 | 4 | 3 | 4 |
| 77 | 579 | - | - | - | - | - | 1 | 11 | 32 | 57 | 64 | 86 | 59 | 64 | 47 | 34 | 20 | 22 | 24 | 13 | 7 | 3 | 3 | 7 | 1 | 3 | 3 | 4 |
| 78 | 324 | - | - | - | - | - | 1 | 2 | 19 | 32 | 37 | 35 | 30 | 41 | 31 | 21 | 14 | 10 | 12 | 7 | 5 | 6 | 2 | 2 | 2 | 1 | 1 | - |

- Data not available.

TABLE C-6

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: CHEMISTRY, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 4 | 5 | 3 | 2 | 2 | 2 | 1 | - | - | 1 | 1 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 9 | 7 | 3 | 2 | - | 3 | 1 | - | 1 | - | 1 | 1 | - | - | - | - | - | 1 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 10 | 7 | 6 | 3 | 1 | 1 | 2 | - | 2 | 4 | 1 | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 5 | 7 | 7 | 5 | 5 | 2 | 6 | - | 3 | - | - | - | 1 | 1 | - | 1 | - | 1 | - | 1 | - | 3 | - | - | - | - | - | - | - | - | - | - |
| 10 | 6 | 3 | 3 | 2 | 5 | 2 | 4 | 1 | 1 | - | 1 | 3 | - | 1 | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 13 | 7 | 6 | 5 | 6 | 1 | 5 | 1 | - | 2 | 3 | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - |
| 9 | 8 | 9 | 4 | 4 | 4 | 1 | 1 | 1 | 3 | - | 1 | - | 1 | 3 | 1 | 1 | - | 1 | - | - | - | - | - | - | 13 | - | - | - | - | - | - | - |
| 5 | 3 | 5 | 6 | 3 | 4 | 2 | 1 | 2 | - | 1 | 4 | 1 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | 10 | - | - | - | - | - | - |
| 12 | 7 | 5 | 4 | 8 | | 3 | 1 | 3 | 1 | 2 | - | 2 | 1 | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | 14 | - | - | - | - | - |
| 15 | 11 | 9 | 5 | 7 | 7 | 1 | 3 | 4 | 4 | 3 | - | 2 | 1 | - | 1 | - | - | - | 1 | - | 1 | - | - | - | - | - | - | 2 | - | - | - | - |
| 12 | 10 | 6 | 8 | 7 | 2 | 7 | 5 | 1 | 1 | 4 | 2 | 1 | 1 | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - |
| 6 | 11 | 11 | 4 | 6 | 2 | 3 | 5 | 3 | 1 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 | 6 | 7 | 2 | 3 | 3 | 4 | 2 | 5 | 2 | 1 | 3 | 1 | 1 | 1 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| 16 | 7 | 11 | 6 | 6 | 2 | 5 | 2 | 7 | 3 | 3 | 2 | 3 | 1 | - | - | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 12 | 13 | 6 | 3 | 3 | 5 | 5 | 1 | 1 | 1 | 1 | - | 2 | - | 3 | 1 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 | 7 | 8 | 8 | 6 | 6 | 2 | 7 | 3 | 3 | - | 2 | - | - | - | 3 | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 15 | 5 | 6 | 7 | 6 | 6 | - | 3 | 1 | 2 | 1 | 2 | 1 | - | 2 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 13 | 4 | 4 | 6 | 4 | 6 | - | - | 5 | 5 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | 1 | 10 | 5 | 8 | 5 | 4 | - | 2 | 3 | 1 | 2 | - | 1 | 1 | - | - | 1 | 1 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 7 | 5 | 6 | 2 | 4 | 3 | 4 | 1 | 1 | - | - | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 |
| 7 | 3 | 3 | 7 | 1 | 3 | 3 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 3 |
| 5 | 6 | 2 | 2 | 2 | 1 | 1 | - | 3 | 1 | - | - | - | 2 | 1 | 1 | 1 | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | 2 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-7

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: EARTH SCIENCE, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 49 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 57 | 4 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - |
| 58 | 3 | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 59 | 3 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 60 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 61 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 62 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 63 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 64 | 3 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - |
| 65 | 4 | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - |
| 66 | 7 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 1 | - | - | 1 | - | - | 2 | - | - | - | - | - | - | - | - |
| 67 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 68 | 8 | - | - | - | - | - | - | - | - | 1 | 1 | - | 2 | 1 | 1 | - | - | - | - | - | 1 | 1 | - | - | 1 | - | - | 2 |
| 69 | 8 | - | - | - | - | - | - | - | 3 | 1 | - | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 70 | 11 | - | - | - | - | - | - | - | 1 | 3 | 1 | 1 | 1 | 1 | - | - | - | - | 1 | - | - | 2 | - | - | 1 | - | - | - |
| 71 | 10 | - | - | - | - | - | - | - | - | - | 1 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | 2 | - | - | - | - | - |
| 72 | 10 | - | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 73 | 25 | - | - | - | - | - | - | 1 | 2 | 4 | 4 | 3 | - | 2 | 2 | 2 | 1 | - | 1 | 1 | - | - | 2 | - | - | - | - | 1 |
| 74 | 23 | - | - | - | - | - | - | 1 | 3 | 1 | 3 | 3 | 2 | 4 | 1 | 1 | 1 | - | - | 1 | - | - | 1 | 1 | - | - | - | - |
| 75 | 26 | - | - | - | - | - | - | - | 1 | 3 | 7 | 1 | 5 | 2 | 1 | 2 | 1 | - | 1 | 1 | - | - | - | 1 | - | 1 | - | - |
| 76 | 47 | - | - | - | - | - | - | - | 5 | 6 | 5 | 5 | 5 | 3 | 2 | 4 | 2 | 2 | 3 | - | - | 1 | - | 1 | 1 | - | - | - |
| 77 | 38 | - | - | - | - | - | - | - | 3 | 5 | 4 | 5 | 5 | - | 3 | 1 | 1 | 2 | - | 2 | - | 1 | 1 | 1 | - | 1 | - | - |
| 78 | 20 | - | - | - | - | - | - | - | 1 | 4 | 2 | 2 | - | 3 | 2 | - | 2 | - | 2 | - | - | - | - | - | 1 | - | - | - |

- Data not available.

TABLE C-7

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: EARTH SCIENCE, FEMALE

AGE AT PH.D. GRADUATION

| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 2 | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | - | 1 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | 1 | 1 | - | 1 | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| - | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-8

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: EARTH SCIENCE, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 49 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 57 | 143 | 1 | - | - | - | 1 | 2 | 5 | 11 | 16 | 17 | 13 | 6 | 7 | 11 | 9 | 11 | 6 | 3 | 6 | 6 | 4 | - | 1 | 3 | 1 | 1 | - |
| 58 | 145 | - | - | - | - | - | - | 5 | 7 | 15 | 12 | 18 | 10 | 13 | 11 | 8 | 7 | 5 | 8 | 3 | 5 | 5 | 4 | 2 | 4 | - | - | - |
| 59 | 170 | - | - | - | - | 1 | - | 4 | 10 | 21 | 13 | 18 | 18 | 14 | 14 | 8 | 9 | 6 | 11 | 5 | 2 | 1 | 3 | - | 1 | 5 | 3 | - |
| 60 | 182 | - | - | - | - | - | 2 | 2 | 13 | 16 | 14 | 21 | 28 | 15 | 20 | 9 | 4 | 3 | 3 | 5 | 4 | 5 | 3 | 2 | - | 3 | 4 | - |
| 61 | 213 | - | - | - | 1 | - | - | 3 | 10 | 28 | 16 | 19 | 24 | 22 | 14 | 12 | 11 | 7 | 9 | 4 | 3 | 7 | 3 | 5 | 2 | 2 | 3 | - |
| 62 | 196 | - | - | - | - | - | - | 5 | 14 | 19 | 15 | 15 | 16 | 25 | 20 | 18 | 6 | 10 | 4 | 5 | 4 | 6 | 2 | 3 | 3 | 2 | 1 | - |
| 63 | 245 | - | - | - | - | - | - | 6 | 14 | 20 | 23 | 39 | 18 | 20 | 25 | 17 | 15 | 8 | 8 | 5 | 2 | 3 | 2 | 3 | - | 4 | 2 | |
| 64 | 244 | - | - | - | - | - | - | 2 | 8 | 13 | 23 | 31 | 21 | 20 | 18 | 10 | 19 | 14 | 8 | 14 | 6 | 9 | 8 | 3 | - | - | 3 | |
| 65 | 288 | - | - | - | - | - | 1 | 5 | 10 | 26 | 28 | 27 | 37 | 32 | 20 | 13 | 13 | 18 | 10 | 8 | 4 | 2 | 5 | 6 | 3 | 1 | 4 | |
| 66 | 299 | - | - | - | - | - | 1 | 4 | 9 | 33 | 45 | 24 | 29 | 27 | 16 | 23 | 15 | 18 | 16 | 10 | 5 | 7 | 1 | 4 | 4 | 4 | 2 | |
| 67 | 278 | - | - | - | - | - | 2 | 3 | 15 | 21 | 25 | 38 | 28 | 25 | 17 | 21 | 16 | 11 | 11 | 8 | 8 | 6 | 2 | 3 | 3 | 4 | 3 | |
| 68 | 350 | - | - | - | - | - | - | 2 | 16 | 27 | 44 | 40 | 52 | 30 | 20 | 20 | 13 | 18 | 12 | 15 | 10 | 5 | 3 | 1 | 4 | 2 | 3 | |
| 69 | 339 | - | - | - | - | - | - | - | 8 | 32 | 36 | 31 | 30 | 39 | 33 | 24 | 13 | 11 | 14 | 11 | 12 | 8 | 6 | 8 | - | 1 | 5 | |
| 70 | 356 | - | - | - | - | - | 1 | 4 | 15 | 42 | 30 | 31 | 39 | 27 | 23 | 29 | 15 | 13 | 12 | 12 | 14 | 9 | 8 | 4 | 7 | 4 | 3 | |
| 71 | 390 | - | - | - | - | - | - | 4 | 14 | 27 | 44 | 41 | 37 | 39 | 29 | 25 | 15 | 26 | 11 | 11 | 13 | 10 | 12 | 7 | 4 | 1 | 4 | |
| 72 | 450 | - | - | - | - | - | - | 1 | 16 | 33 | 41 | 59 | 62 | 32 | 39 | 27 | 23 | 17 | 20 | 19 | 16 | 6 | 8 | 4 | 5 | 5 | 2 | |
| 73 | 433 | - | - | - | - | - | - | 2 | 23 | 25 | 36 | 42 | 44 | 41 | 40 | 32 | 29 | 20 | 14 | 15 | 15 | 11 | 4 | 4 | 7 | 6 | 5 | |
| 74 | 410 | - | - | - | - | - | - | 6 | 19 | 37 | 31 | 38 | 43 | 36 | 40 | 22 | 24 | 16 | 14 | 12 | 10 | 6 | 6 | 4 | 11 | 8 | 8 | |
| 75 | 430 | - | - | - | - | - | - | 3 | 12 | 39 | 56 | 52 | 38 | 42 | 37 | 33 | 22 | 10 | 21 | 15 | 8 | 7 | 6 | 4 | 5 | 4 | 6 | |
| 76 | 423 | - | - | - | - | - | - | 2 | 6 | 29 | 49 | 60 | 52 | 48 | 25 | 36 | 28 | 11 | 14 | 16 | 10 | 6 | 5 | 1 | 4 | 3 | 3 | |
| 77 | 418 | - | - | - | - | - | - | 3 | 9 | 25 | 50 | 57 | 63 | 43 | 37 | 24 | 19 | 18 | 16 | 11 | 2 | 6 | 5 | 3 | 4 | 3 | 2 | |
| 78 | 193 | - | - | - | - | - | - | 1 | 4 | 17 | 23 | 21 | 17 | 22 | 19 | 14 | 15 | 7 | 10 | 4 | 2 | 4 | 4 | 2 | - | 4 | - | - |

- Data not available.

TABLE C-8

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: EARTH SCIENCE, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OL- DER |
| - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 4 | - | 1 | 3 | 1 | 1 | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 5 | 4 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 1 | 3 | - | 1 | 5 | 3 | - | - | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 5 | 3 | 2 | - | 3 | 4 | - | 1 | 2 | - | - | 1 | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 3 | 7 | 3 | 5 | 2 | 2 | 3 | - | 2 | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - |
| 4 | 6 | 2 | 3 | 3 | 2 | 1 | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 2 | 3 | 2 | 3 | - | 4 | 2 | 1 | 1 | - | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - |
| 6 | 9 | 8 | 3 | - | - | 3 | 1 | 2 | - | 2 | - | 2 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | 5 | - | - | - | - | - | - |
| 4 | 2 | 5 | 6 | 3 | 1 | 4 | 3 | 2 | - | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - |
| 5 | 7 | 1 | 4 | 4 | 4 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | 6 | 2 | 3 | 3 | 4 | 3 | 2 | 1 | 2 | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 5 | 3 | 1 | 4 | 2 | 3 | 3 | 1 | 2 | 2 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 8 | 6 | 8 | - | 1 | 5 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 14 | 9 | 8 | 4 | 7 | 4 | 3 | 3 | 1 | 5 | - | - | - | 1 | 1 | - | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 | 10 | 12 | 7 | 4 | 1 | 4 | 2 | 1 | 2 | 3 | - | 1 | 1 | 2 | 1 | - | - | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 6 | 8 | 4 | 5 | 5 | 2 | 1 | 1 | 3 | 3 | 2 | - | 1 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 15 | 11 | 4 | 4 | 7 | 6 | 5 | 4 | 2 | 2 | 1 | 3 | 1 | 1 | - | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 6 | 6 | 4 | 11 | 8 | 8 | 2 | 3 | 2 | 2 | - | 2 | 1 | 1 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 8 | 7 | 6 | 4 | 5 | 4 | 6 | 1 | 3 | 1 | - | 1 | - | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 6 | 5 | 1 | 4 | 3 | 3 | 1 | 1 | 2 | 3 | 2 | - | 1 | 3 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 6 | 5 | 3 | 4 | 3 | 2 | 2 | 4 | 4 | 1 | 1 | - | - | 1 | - | 2 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 2 | 4 | 4 | 2 | - | 4 | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |



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TABLE C-9

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: PHYSICAL SCIENCES (OTHER), FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 53 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 5 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 58 | 9 | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | 2 | - | 1 | - | - | - | 2 | - | - | - | - | - | - | - | - | - |
| 59 | 9 | - | - | - | - | - | - | - | - | 1 | 2 | 1 | - | 2 | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 60 | 7 | - | - | - | - | - | - | - | - | 1 | 1 | - | - | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - | 1 | - | - |
| 61 | 10 | - | - | - | - | - | - | - | - | - | 3 | - | 1 | 1 | - | - | 1 | - | - | - | 1 | 2 | - | 1 | - | - | 1 | - |
| 62 | 11 | - | - | - | - | - | - | - | - | - | 1 | 2 | 1 | 1 | - | - | - | - | - | - | 1 | 1 | - | - | - | 1 | 1 | - |
| 63 | 5 | - | - | - | - | - | - | 1 | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 64 | 12 | - | - | - | - | - | - | - | 2 | - | - | - | 1 | 4 | - | 1 | - | - | - | - | 1 | 2 | - | - | - | 1 | - | - |
| 65 | 21 | - | - | - | - | - | - | - | 4 | 4 | 2 | 2 | 2 | - | 1 | 1 | 1 | 2 | - | 1 | - | - | 1 | - | - | - | - | - |
| 66 | 16 | - | - | - | - | - | - | - | 2 | 2 | 3 | 2 | 1 | 4 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 67 | 25 | - | - | - | - | - | 1 | - | 5 | 5 | 4 | 1 | - | 2 | 1 | 1 | - | 1 | 1 | - | 1 | - | - | 1 | 1 | - | - | - |
| 68 | 22 | - | - | - | - | - | - | 2 | 1 | 3 | 3 | 1 | 1 | 3 | 2 | 1 | - | - | 2 | - | - | - | - | 1 | - | - | - | - |
| 69 | 34 | - | - | - | - | - | - | 1 | 4 | 8 | 3 | 1 | 2 | 5 | - | - | 3 | 2 | - | - | 1 | 1 | 1 | - | - | - | - | - |
| 70 | 39 | - | - | - | - | - | - | 1 | 4 | 4 | 5 | 4 | 4 | 2 | 3 | 6 | - | 1 | 1 | - | - | - | 1 | - | - | - | - | - |
| 71 | 51 | - | - | - | - | - | 1 | 5 | 1 | 9 | 8 | 3 | 7 | 8 | - | 2 | - | 1 | 2 | - | - | - | 1 | - | - | 1 | - | - |
| 72 | 44 | - | - | - | - | - | - | - | 4 | 5 | 5 | 8 | 6 | 3 | 1 | 3 | - | 1 | 1 | 2 | - | 1 | - | - | 1 | - | - | - |
| 73 | 42 | - | - | - | - | - | 1 | 1 | 2 | 5 | 1 | 7 | 5 | 3 | 1 | 3 | 5 | - | 1 | 2 | - | 1 | - | 1 | 1 | - | - | - |
| 74 | 60 | - | - | - | - | - | - | 4 | 3 | 8 | 12 | 8 | 2 | 6 | 5 | 4 | 3 | 2 | 1 | - | 1 | - | - | - | - | - | - | - |
| 75 | 65 | - | - | - | - | - | - | 2 | 4 | 9 | 9 | 12 | 6 | 3 | 5 | 4 | 3 | 1 | 2 | 1 | - | - | - | - | - | - | - | - |
| 76 | 57 | - | - | - | - | - | - | - | 4 | 10 | 10 | 6 | 8 | 3 | 3 | 2 | 2 | 1 | - | - | 1 | 1 | 2 | 1 | 1 | - | - | - |
| 77 | 51 | - | - | - | - | - | 1 | - | 3 | 6 | 3 | 8 | 7 | 5 | 1 | 2 | 3 | 2 | 1 | 1 | 1 | 2 | - | 1 | - | - | - | 1 |
| 78 | 29 | - | - | - | - | - | - | 1 | 1 | 3 | 2 | 3 | 2 | 5 | 1 | 3 | - | 1 | 2 | 1 | 1 | - | 1 | - | - | - | - | - |

- Data not available.

TABLE C-9

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: PHYSICAL SCIENCES (OTHER), FEMALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - |
| 1 | 1 | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| 1 | 1 | 1 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 1 | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 1 | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | - | 1 | 1 | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 2 | - | 1 | - | - | - | 1 | - | - | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | 1 | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-10

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: PHYSICAL SCIENCES (OTHER), MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 49 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 4 | - | - | - | 1 | - | - | - | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 51 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 3 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 5 | - | - | - | - | - | - | - | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 314 | - | - | - | - | 1 | 6 | 8 | 36 | 35 | 29 | 35 | 31 | 24 | 25 | 20 | 17 | 17 | 4 | 9 | 4 | 3 | 5 | - | 1 | 1 | 2 | 1 |
| 58 | 347 | - | - | - | - | - | 2 | 14 | 30 | 52 | 51 | 32 | 29 | 27 | 28 | 18 | 22 | 8 | 4 | 7 | 6 | 1 | 5 | 3 | 2 | - | 1 | - |
| 59 | 367 | - | - | - | - | 1 | 3 | 11 | 25 | 44 | 48 | 48 | 28 | 29 | 36 | 21 | 14 | 19 | 9 | 12 | 4 | 1 | 3 | 1 | 1 | 2 | - | 2 |
| 60 | 367 | - | - | - | - | 1 | 3 | 10 | 26 | 47 | 48 | 36 | 32 | 30 | 28 | 27 | 17 | 13 | 15 | 6 | 8 | 5 | 5 | 1 | 2 | - | 2 | 2 |
| 61 | 402 | - | - | - | - | - | 2 | 12 | 34 | 50 | 49 | 37 | 38 | 38 | 30 | 20 | 17 | 19 | 11 | 11 | 6 | 4 | 5 | 4 | 3 | 1 | - | 1 |
| 62 | 465 | - | - | - | - | 1 | 1 | 16 | 31 | 52 | 62 | 52 | 44 | 36 | 36 | 29 | 20 | 12 | 13 | 8 | 14 | 11 | 5 | 3 | 2 | 1 | 4 | - |
| 63 | 492 | - | - | - | - | 1 | 2 | 5 | 36 | 52 | 64 | 71 | 49 | 33 | 42 | 33 | 21 | 14 | 10 | 12 | 10 | 5 | - | 3 | 5 | 2 | 1 | 1 |
| 64 | 579 | - | - | - | 1 | 2 | 6 | 22 | 55 | 77 | 81 | 58 | 51 | 35 | 37 | 27 | 29 | 20 | 16 | 10 | 12 | 8 | 7 | 3 | 6 | 1 | - | 1 |
| 65 | 682 | - | - | - | - | - | 5 | 15 | 48 | 109 | 107 | 79 | 67 | 54 | 46 | 33 | 26 | 15 | 13 | 9 | 10 | 8 | 7 | 6 | 6 | 2 | 2 | 5 |
| 66 | 731 | - | - | - | - | - | 2 | 26 | 65 | 97 | 116 | 84 | 73 | 48 | 56 | 26 | 31 | 19 | 15 | 11 | 10 | 8 | 9 | 11 | 4 | 3 | 3 | 3 |
| 67 | 824 | - | - | - | - | 2 | 2 | 22 | 60 | 113 | 119 | 115 | 90 | 74 | 48 | 43 | 26 | 13 | 19 | 13 | 12 | 10 | 11 | 2 | 8 | 4 | 4 | 3 |
| 68 | 912 | 1 | - | - | - | 1 | 4 | 13 | 67 | 124 | 153 | 114 | 100 | 68 | 57 | 49 | 29 | 29 | 25 | 13 | 14 | 16 | 8 | 6 | 3 | 7 | 1 | 3 |
| 69 | 1E3 | - | - | - | - | 1 | 6 | 15 | 72 | 160 | 158 | 139 | 114 | 89 | 67 | 53 | 28 | 25 | 21 | 23 | 22 | 8 | 7 | 7 | 3 | 2 | 3 | 3 |
| 70 | 1E3 | - | - | - | - | 2 | 3 | 26 | 49 | 148 | 189 | 141 | 125 | 68 | 82 | 34 | 47 | 41 | 23 | 17 | 18 | 21 | 10 | 5 | 5 | 3 | 4 | 3 |
| 71 | 1E3 | - | 1 | - | - | 1 | 6 | 15 | 59 | 110 | 189 | 157 | 132 | 93 | 69 | 34 | 41 | 34 | 25 | 12 | 12 | 13 | 17 | 5 | 7 | 6 | 2 | 4 |
| 72 | 1E3 | 1 | - | - | - | 1 | 4 | 31 | 58 | 105 | 141 | 150 | 155 | 111 | 88 | 57 | 44 | 38 | 30 | 23 | 16 | 20 | 13 | 8 | 7 | 4 | 3 | 2 |
| 73 | 1E3 | 1 | - | - | 1 | - | 5 | 16 | 68 | 98 | 123 | 134 | 116 | 104 | 74 | 46 | 46 | 41 | 25 | 29 | 19 | 10 | 13 | 15 | 7 | 5 | 6 | 1 |
| 74 | 957 | - | - | - | - | - | 2 | 16 | 46 | 124 | 114 | 107 | 96 | 104 | 69 | 69 | 48 | 34 | 22 | 14 | 17 | 17 | 9 | 9 | 2 | 6 | 2 | 4 |
| 75 | 971 | - | - | - | - | - | 3 | 15 | 52 | 93 | 160 | 117 | 104 | 68 | 74 | 57 | 40 | 38 | 29 | 31 | 24 | 12 | 12 | 9 | 3 | 10 | 5 | - |
| 76 | 858 | - | - | - | 1 | 1 | 2 | 12 | 32 | 79 | 96 | 123 | 91 | 91 | 61 | 48 | 57 | 33 | 27 | 19 | 21 | 10 | 11 | 9 | 3 | 6 | 3 | 5 |
| 77 | 797 | - | - | - | - | 1 | 3 | 6 | 34 | 65 | 84 | 110 | 104 | 92 | 56 | 44 | 40 | 31 | 25 | 14 | 19 | 12 | 20 | 6 | 8 | 5 | 2 | 2 |
| 78 | 440 | - | - | - | - | - | 3 | 2 | 16 | 32 | 53 | 56 | 49 | 60 | 39 | 21 | 17 | 18 | 14 | 9 | 7 | 9 | 5 | 3 | 3 | 4 | 1 | 4 |

—- Data not available.

TABLE C-10

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: PHYSICAL SCIENCES (OTHER), MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 3 | 5 | - | 1 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 1 | 5 | 3 | 2 | - | 1 | - | 3 | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 1 | 3 | 1 | 1 | 2 | - | 2 | - | - | - | 1 | 1 | - | - | 1 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 8 | 5 | 5 | 1 | 2 | - | 2 | 2 | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 6 | 4 | 5 | 4 | 3 | 1 | - | 1 | 2 | - | 1 | - | 2 | - | - | - | - | - | - | - | - | 1 | - | - | 4 | - | - | - | - | - | - | - | - |
| 14 | 11 | 5 | 3 | 2 | 1 | 4 | - | 1 | 1 | - | - | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - | 7 | - | - | - | - | - | - | - | - |
| 10 | 5 | - | 3 | 5 | 2 | 1 | 1 | - | 2 | 1 | - | 2 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | 13 | - | - | - | - | - | - | - |
| 12 | 8 | 7 | 3 | 6 | 1 | - | 1 | - | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 11 | - | - | - | - | - | - |
| 10 | 8 | 7 | 6 | 6 | 2 | 2 | 5 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 6 | - | - | - | - | - |
| 10 | 8 | 9 | 11 | 4 | 3 | 3 | 3 | 1 | 1 | - | - | 1 | 1 | 2 | 1 | 1 | - | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 12 | 10 | 11 | 2 | 8 | 4 | 4 | 3 | 3 | 1 | 1 | 2 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | 2 | - | - | - |
| 14 | 16 | 8 | 6 | 3 | 7 | 1 | 3 | 2 | 1 | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 22 | 8 | 7 | 7 | 3 | 2 | 3 | 3 | 4 | 1 | 1 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 18 | 21 | 10 | 5 | 5 | 3 | 4 | 3 | 7 | 3 | 4 | 2 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 13 | 17 | 5 | 7 | 6 | 2 | 4 | 1 | 2 | 1 | 1 | - | 1 | - | - | 1 | 1 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 20 | 13 | 8 | 7 | 4 | 3 | 2 | 2 | 5 | 1 | 2 | 1 | 1 | 1 | 2 | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 19 | 10 | 13 | 15 | 7 | 5 | 6 | 1 | 3 | 1 | 4 | - | 1 | 2 | - | 1 | - | - | - | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 17 | 17 | 9 | 9 | 2 | 6 | 2 | 4 | 4 | 4 | 2 | 2 | 1 | 1 | 4 | 2 | - | - | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | 3 |
| 24 | 12 | 12 | 9 | 3 | 10 | 5 | - | 4 | 2 | 3 | 2 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 | 10 | 11 | 9 | 3 | 6 | 3 | 5 | 4 | 3 | 1 | 1 | 1 | 1 | 1 | - | - | 2 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| 19 | 12 | 20 | 6 | 8 | 5 | 2 | 2 | 1 | 3 | 2 | - | 3 | 1 | - | 1 | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 |
| 7 | 9 | 5 | 3 | 3 | 4 | 1 | 4 | 3 | 2 | 2 | 2 | 2 | 1 | - | - | - | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-11

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: ENGINEERING (ALL), FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 55 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 59 | 3 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 60 | 4 | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 61 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 62 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 63 | 8 | - | - | - | - | - | - | - | - | - | 2 | 1 | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 64 | 12 | - | - | - | - | - | - | 1 | 1 | 2 | 1 | 1 | 3 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 65 | 4 | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 66 | 7 | - | - | - | - | 1 | - | - | - | - | 1 | 2 | - | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 67 | 10 | - | - | - | - | - | - | - | 2 | - | 3 | - | 1 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 68 | 6 | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 69 | 11 | - | - | - | - | - | - | - | 2 | - | 2 | 1 | 1 | 1 | 1 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 70 | 15 | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 1 | - | - | 1 | 3 | - | - | 1 | 1 | 1 | - | - | - | - | - | - |
| 71 | 14 | - | - | - | - | - | - | - | 1 | 1 | 1 | 4 | 2 | 1 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| 72 | 20 | - | - | - | - | - | - | 2 | 1 | 2 | 3 | 3 | 1 | - | 1 | - | 2 | 2 | 2 | 1 | - | - | 1 | 1 | - | - | - | - |
| 73 | 37 | - | - | - | - | - | 1 | 1 | 5 | 4 | 6 | 3 | 4 | 3 | 1 | - | 2 | 2 | 1 | 1 | 1 | - | 2 | - | - | - | - | - |
| 74 | 34 | - | - | - | - | 1 | - | - | 3 | 2 | 4 | 4 | 4 | 3 | 1 | - | 4 | 1 | - | 3 | - | - | - | 1 | - | - | 1 | 1 |
| 75 | 36 | - | - | - | - | - | - | - | 3 | 3 | 7 | 7 | 5 | 2 | 1 | 3 | 1 | - | 2 | - | - | 1 | - | - | 1 | - | - | - |
| 76 | 48 | - | - | - | - | - | - | - | 6 | 11 | 7 | 5 | 2 | 4 | 4 | 2 | 3 | 1 | 1 | - | - | - | - | 1 | - | - | - | - |
| 77 | 62 | - | - | - | - | - | - | 1 | 4 | 11 | 13 | 3 | 10 | 4 | 5 | 3 | 2 | 2 | 1 | - | 1 | - | - | - | - | - | - | - |
| 78 | 26 | - | - | - | - | - | - | - | 1 | 6 | 5 | 3 | 3 | 3 | - | 1 | 1 | 1 | 1 | - | 1 | - | - | - | - | - | - | - |

- Data not available.

TABLE C-11

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: ENGINEERING (ALL), FEMALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 1 | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-12

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: ENGINEERING (ALL), MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 3 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 49 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 7 | - | - | - | - | - | - | - | - | - | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 505 | 1 | - | - | - | 1 | 2 | 18 | 45 | 52 | 54 | 35 | 38 | 48 | 35 | 34 | 32 | 23 | 22 | 16 | 17 | 5 | 9 | 3 | 4 | 2 | 4 | - |
| 58 | 560 | - | - | - | - | 1 | 6 | 19 | 46 | 54 | 67 | 38 | 45 | 51 | 46 | 40 | 31 | 15 | 30 | 16 | 15 | 8 | 7 | 3 | 6 | 4 | 3 | - |
| 59 | 638 | - | - | - | - | 1 | 3 | 23 | 43 | 59 | 63 | 64 | 55 | 61 | 56 | 32 | 27 | 36 | 25 | 19 | 21 | 11 | 9 | 5 | 6 | 1 | 4 | - |
| 60 | 739 | - | - | - | - | 1 | 6 | 21 | 61 | 75 | 74 | 77 | 64 | 58 | 49 | 43 | 33 | 32 | 25 | 24 | 18 | 23 | 9 | 14 | 2 | 6 | 7 | - |
| 61 | 895 | - | - | - | - | 2 | 8 | 36 | 82 | 110 | 109 | 85 | 69 | 68 | 78 | 41 | 34 | 33 | 31 | 19 | 14 | 20 | 7 | 15 | 10 | 7 | 4 | - |
| 62 | 1E3 | - | - | - | - | 1 | 2 | 37 | 109 | 134 | 122 | 107 | 105 | 89 | 83 | 49 | 51 | 39 | 33 | 32 | 30 | 25 | 20 | 14 | 11 | 5 | 2 | - |
| 63 | 1E3 | - | - | - | - | 3 | 12 | 35 | 101 | 130 | 163 | 132 | 90 | 121 | 82 | 85 | 55 | 57 | 34 | 30 | 30 | 23 | 26 | 16 | 12 | 8 | 12 | - |
| 64 | 2E3 | - | - | 1 | - | 1 | 10 | 48 | 127 | 169 | 209 | 174 | 129 | 126 | 102 | 94 | 81 | 44 | 57 | 36 | 31 | 28 | 22 | 25 | 13 | 13 | 5 | - |
| 65 | 2E3 | - | - | 1 | - | 1 | 11 | 51 | 135 | 225 | 255 | 202 | 170 | 152 | 127 | 114 | 80 | 71 | 57 | 44 | 39 | 25 | 23 | 17 | 18 | 27 | 10 | 1 |
| 66 | 2E3 | - | - | - | - | 1 | 8 | 46 | 166 | 248 | 275 | 240 | 203 | 170 | 159 | 117 | 101 | 99 | 56 | 37 | 27 | 47 | 29 | 23 | 20 | 18 | 19 | 1 |
| 67 | 2E3 | - | - | - | - | 4 | 11 | 66 | 160 | 267 | 299 | 254 | 228 | 189 | 172 | 118 | 104 | 74 | 76 | 60 | 46 | 59 | 33 | 28 | 10 | 16 | 15 | 1 |
| 68 | 3E3 | - | - | - | - | 1 | 15 | 73 | 211 | 331 | 301 | 277 | 282 | 229 | 186 | 150 | 130 | 94 | 73 | 68 | 52 | 37 | 34 | 23 | 11 | 27 | 12 | 1 |
| 69 | 3E3 | - | 1 | - | 1 | - | 8 | 61 | 246 | 432 | 344 | 332 | 285 | 255 | 210 | 173 | 126 | 106 | 77 | 58 | 44 | 38 | 40 | 28 | 21 | 23 | 23 | 1 |
| 70 | 3E3 | - | - | - | - | 2 | - | 8 | 61 | 246 | 432 | 344 | 332 | 285 | 255 | 210 | 173 | 126 | 106 | 77 | 62 | 54 | 56 | 41 | 40 | 35 | 13 | 18 | 1 |
| 71 | 3E3 | - | 1 | - | - | 1 | 2 | 15 | 45 | 236 | 441 | 416 | 352 | 316 | 285 | 232 | 194 | 163 | 132 | 102 | 62 | 54 | 56 | 46 | 37 | 28 | 24 | 23 | 14 | 1 |
| 72 | 3E3 | - | - | - | - | - | 2 | 12 | 56 | 191 | 385 | 428 | 407 | 372 | 292 | 252 | 192 | 130 | 130 | 100 | 80 | 54 | 46 | 37 | 28 | 24 | 23 | 16 | 1 |
| 73 | 3E3 | - | 1 | - | - | - | - | 12 | 61 | 162 | 258 | 353 | 432 | 359 | 308 | 247 | 202 | 149 | 116 | 106 | 96 | 64 | 39 | 48 | 48 | 30 | 21 | 16 | 1 |
| 74 | 3E3 | - | - | - | - | - | - | 8 | 45 | 172 | 253 | 323 | 327 | 333 | 330 | 220 | 168 | 146 | 123 | 106 | 89 | 70 | 45 | 44 | 25 | 22 | 20 | 18 | 1 |
| 75 | 3E3 | - | - | - | - | - | - | 6 | 60 | 144 | 273 | 327 | 320 | 274 | 236 | 240 | 141 | 136 | 126 | 75 | 66 | 57 | 37 | 34 | 24 | 20 | 21 | 13 | |
| 76 | 3E3 | - | - | - | - | - | - | 6 | 60 | 144 | 273 | 327 | 320 | 274 | 236 | 240 | 141 | 136 | 126 | 106 | 77 | 65 | 63 | 51 | 42 | 27 | 16 | 15 | 12 | 1 |
| 77 | 2E3 | - | 1 | - | - | - | - | 13 | 40 | 132 | 201 | 273 | 314 | 296 | 219 | 163 | 166 | 129 | 95 | 60 | 78 | 39 | 35 | 43 | 25 | 26 | 14 | 14 | 1 |
| 78 | 1E3 | - | - | - | - | 1 | - | 9 | 37 | 114 | 199 | 249 | 260 | 269 | 229 | 166 | 104 | 103 | 98 | 75 | 53 | 50 | 31 | 26 | 25 | 21 | 12 | 14 | 1 |
| | | - | - | - | - | - | 2 | 16 | 63 | 100 | 152 | 120 | 141 | 137 | 96 | 62 | 72 | 36 | 34 | 26 | 22 | 19 | 10 | 12 | 5 | 2 | 7 | |

- Data not available.

TABLE C-12

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: ENGINEERING (ALL), MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OL DE |
| - | - | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17 | 5 | 9 | 3 | 4 | 2 | 4 | - | - | 1 | - | 2 | - | - | - | - | - | - | - | 1 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 15 | 8 | 7 | 3 | 6 | 4 | 3 | 2 | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - |
| 21 | 11 | 9 | 5 | 6 | 1 | 4 | 3 | 2 | 5 | - | 2 | - | - | - | 1 | - | - | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 18 | 23 | 9 | 14 | 2 | 6 | 7 | 2 | 2 | 2 | - | - | 2 | - | 2 | 1 | 1 | - | - | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - |
| 14 | 20 | 7 | 15 | 10 | 7 | 4 | 1 | 2 | 1 | 2 | - | - | 1 | 2 | - | 1 | - | - | - | - | 1 | - | - | - | 11 | - | - | - | - | - | - | - |
| 30 | 25 | 20 | 14 | 11 | 5 | 2 | 4 | 8 | 2 | 1 | 1 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 21 | - | - | - | - | - | - |
| 30 | 23 | 26 | 16 | 12 | 8 | 12 | 3 | 7 | 1 | 2 | 4 | 1 | 1 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | 27 | - | - | - | - | - |
| 31 | 28 | 22 | 25 | 13 | 13 | 5 | 6 | 1 | 5 | 2 | 5 | - | 2 | - | - | 3 | - | - | - | - | - | - | - | - | 1 | - | - | 63 | - | - | - | - | - |
| 39 | 25 | 23 | 17 | 18 | 27 | 10 | 15 | 7 | 4 | 9 | 5 | - | 1 | 3 | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - |
| 27 | 47 | 29 | 23 | 20 | 18 | 19 | 13 | 5 | 6 | 4 | 6 | 1 | 4 | 2 | 3 | 1 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | 6 | - | - | - |
| 46 | 59 | 33 | 28 | 10 | 16 | 15 | 16 | 10 | 10 | 6 | 10 | 4 | 3 | 4 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - |
| 52 | 37 | 34 | 23 | 11 | 27 | 12 | 15 | 5 | 14 | 12 | 5 | 6 | 2 | 1 | 3 | 1 | 2 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | 6 | - |
| 44 | 38 | 40 | 28 | 21 | 23 | 23 | 18 | 14 | 10 | 9 | 5 | 5 | 5 | 5 | 2 | 3 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 56 | 41 | 40 | 35 | 13 | 18 | 13 | 11 | 13 | 18 | 6 | 8 | 3 | 4 | 3 | - | 1 | 2 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 46 | 37 | 28 | 24 | 23 | 14 | 14 | 9 | 6 | 10 | 6 | 8 | 5 | 4 | 1 | 2 | 2 | 2 | 1 | - | 2 | - | 1 | - | - | - | - | 1 | - | - | - | - | - |
| 64 | 39 | 48 | 48 | 30 | 21 | 16 | 15 | 12 | 10 | 12 | 6 | 7 | 4 | 1 | 4 | 3 | 2 | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - | - | 1 | - | - | - |
| 70 | 45 | 44 | 25 | 22 | 20 | 18 | 12 | 13 | 10 | 13 | 7 | 7 | 3 | 3 | 3 | 6 | 1 | 1 | 1 | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| 57 | 37 | 34 | 24 | 20 | 21 | 13 | 6 | 7 | 5 | 13 | 9 | 9 | 7 | 8 | 3 | 3 | 4 | 2 | 2 | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | 2 |
| 63 | 51 | 42 | 27 | 16 | 15 | 12 | 11 | 6 | 10 | 12 | 7 | 8 | 5 | 5 | 9 | 3 | 3 | 4 | 2 | 1 | 1 | - | 1 | 3 | 2 | - | - | - | - | 1 | - | - | 1 |
| 39 | 35 | 43 | 25 | 26 | 14 | 14 | 14 | 10 | 9 | 7 | 6 | 5 | 3 | 5 | 4 | 4 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | - | 1 | - | - | - | - | - | 1 | - | - |
| 50 | 31 | 26 | 25 | 21 | 12 | 14 | 13 | 5 | 10 | 5 | 8 | 6 | 3 | 6 | 1 | 6 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - | - |
| 22 | 19 | 10 | 12 | 5 | 2 | 7 | 5 | 4 | 4 | 6 | - | 3 | 1 | 1 | 2 | 5 | 2 | - | 1 | 1 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |

TABLE C-13

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: BIOLOGICAL SCIENCE, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 49 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 5 | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 53 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 6 | - | - | - | - | - | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 4 | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 107 | - | - | - | - | - | 2 | 4 | 4 | 6 | 8 | 12 | 8 | 5 | 10 | 6 | 5 | 7 | 5 | 3 | 4 | - | - | 4 | - | 1 | 1 | 2 |
| 58 | 103 | - | - | - | - | 1 | - | 1 | 7 | 6 | 14 | 11 | 4 | 7 | 7 | 6 | 5 | 3 | 3 | 1 | 3 | 4 | 2 | 1 | 3 | 1 | 1 | 3 |
| 59 | 109 | - | - | - | - | - | 1 | 5 | 1 | 16 | 9 | 10 | 11 | 5 | 6 | 5 | 7 | 4 | 2 | 2 | 3 | 3 | 4 | 3 | 2 | - | - | - |
| 60 | 94 | - | - | - | - | - | - | - | 2 | 6 | 7 | 9 | 5 | 10 | 7 | 7 | 7 | 6 | 5 | 5 | 2 | - | 2 | 2 | 3 | 2 | - | - |
| 61 | 121 | - | - | - | - | - | - | 3 | 7 | 13 | 7 | 8 | 6 | 6 | 13 | 6 | 4 | 6 | 10 | 5 | 4 | 1 | 2 | 5 | 2 | 2 | 1 | 1 |
| 62 | 109 | - | - | - | - | - | 2 | 3 | 4 | 4 | 9 | 9 | 10 | 9 | 10 | 1 | 4 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 1 | 2 | 3 |
| 63 | 134 | - | - | - | - | - | 2 | 6 | 6 | 13 | 16 | 9 | 5 | 6 | 5 | 11 | 4 | 3 | 7 | 4 | 5 | 2 | 2 | 7 | 2 | 2 | 2 | 1 |
| 64 | 122 | - | - | - | - | - | - | 2 | 12 | 7 | 7 | 5 | 8 | 10 | 5 | 8 | 6 | 5 | 4 | 8 | 4 | 3 | 5 | 2 | 1 | 3 | 2 | 5 |
| 65 | 167 | - | - | - | - | - | 1 | 4 | 10 | 22 | 15 | 13 | 9 | 9 | 10 | 8 | 7 | 7 | 10 | 7 | 9 | 4 | 3 | 2 | 2 | 1 | 2 | 2 |
| 66 | 200 | - | - | - | - | - | 1 | 4 | 15 | 14 | 25 | 17 | 15 | 20 | 10 | 6 | 6 | 5 | 7 | 8 | 2 | 2 | 3 | 5 | 4 | 3 | 5 | 3 |
| 67 | 228 | - | - | - | - | - | 3 | 7 | 16 | 25 | 23 | 20 | 18 | 13 | 11 | 9 | 10 | 4 | 9 | 6 | 10 | 4 | 4 | 5 | 11 | 2 | 2 | 3 |
| 68 | 280 | - | - | - | - | - | 4 | 10 | 31 | 31 | 29 | 31 | 18 | 22 | 13 | 10 | 7 | 8 | 6 | 13 | 4 | 7 | 5 | 6 | 3 | 5 | 5 | 3 |
| 69 | 296 | - | - | - | - | - | 1 | 2 | 28 | 43 | 31 | 32 | 20 | 24 | 16 | 16 | 9 | 7 | 6 | 5 | 4 | 8 | 5 | 2 | 8 | 4 | 2 | 1 |
| 70 | 287 | - | - | - | - | - | - | 6 | 12 | 42 | 33 | 38 | 26 | 22 | 7 | 13 | 9 | 11 | 4 | 5 | 4 | 8 | 5 | 2 | 8 | 4 | 3 | 8 |
| 71 | 352 | - | - | - | - | - | 2 | 3 | 23 | 43 | 43 | 47 | 34 | 22 | 20 | 9 | 12 | 12 | 2 | 5 | 11 | 6 | 4 | 4 | 6 | 7 | 3 | 5 |
| 72 | 361 | - | - | - | - | - | 1 | 4 | 22 | 30 | 42 | 48 | 29 | 29 | 24 | 10 | 20 | 10 | 8 | 4 | 13 | 10 | 7 | 6 | 3 | 5 | 5 | 4 |
| 73 | 394 | - | - | - | - | - | - | 1 | 26 | 41 | 41 | 42 | 39 | 32 | 26 | 25 | 23 | 17 | 10 | 8 | 8 | 7 | 9 | 3 | 6 | 3 | 3 | 3 |
| 74 | 338 | - | - | - | - | - | - | 4 | 20 | 42 | 39 | 43 | 32 | 21 | 21 | 18 | 18 | 9 | 17 | 9 | 6 | 4 | 4 | 2 | 6 | 3 | 4 | 1 |
| 75 | 397 | - | - | - | - | - | - | 2 | 14 | 44 | 56 | 41 | 42 | 37 | 20 | 14 | 19 | 23 | 13 | 7 | 3 | 9 | 7 | 4 | 4 | 9 | 3 | 3 |
| 76 | 422 | - | - | - | - | - | 1 | 4 | 23 | 38 | 59 | 46 | 31 | 31 | 28 | 29 | 18 | 16 | 14 | 14 | 10 | 9 | 8 | 4 | 1 | 2 | 3 | 6 |
| 77 | 414 | - | - | - | - | - | - | 2 | 15 | 40 | 48 | 50 | 48 | 28 | 26 | 15 | 21 | 20 | 16 | 14 | 4 | 8 | 10 | 10 | 4 | 6 | 6 | 4 |
| 78 | 203 | - | - | - | - | - | - | 1 | 4 | 9 | 25 | 14 | 24 | 17 | 26 | 14 | 13 | 15 | 7 | 6 | 6 | 2 | 3 | 1 | 3 | 1 | 3 | 3 |

- Data not available.

TABLE C-13

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: BIOLOGICAL SCIENCE, FEMALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | - | - | 4 | - | 1 | 1 | 2 | 1 | - | 1 | 1 | 1 | 2 | 1 | 1 | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 4 | 2 | 1 | 3 | 1 | 1 | 3 | 2 | 1 | - | 1 | 2 | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 3 | 4 | 3 | 2 | - | - | - | 2 | 2 | 2 | - | 1 | 1 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | 2 | 2 | 3 | 2 | - | - | 1 | 2 | - | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 1 | 2 | 5 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | - | - | - | - | - | 2 | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 4 | 2 | 3 | 3 | 3 | 1 | 2 | 3 | - | 5 | - | - | - | - | - | 1 | 2 | 1 | - | - | 1 | - | - | - | - | 2 | - | - | - | - | - | - | - |
| 5 | 2 | 2 | 7 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | 7 | - | - | - | - | - | - |
| 4 | 3 | 5 | 2 | 1 | 3 | 2 | 5 | 2 | - | - | 1 | 2 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | 1 | - | 2 | - | - | - | - | - |
| 9 | 4 | 3 | 2 | 2 | 1 | 2 | 2 | - | 3 | - | - | 1 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - |
| 2 | 2 | 3 | 5 | 4 | 3 | 5 | 3 | 3 | 5 | 2 | 2 | - | 2 | 2 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 4 | 4 | 5 | 11 | 2 | 2 | 3 | - | 3 | 1 | 1 | 1 | 1 | - | 1 | - | 2 | - | 1 | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - |
| 4 | 7 | 5 | 6 | 3 | 5 | 5 | 3 | 4 | 1 | 1 | - | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 8 | 5 | 2 | 8 | 4 | 2 | 1 | 7 | - | 2 | 2 | 1 | 3 | 2 | - | 2 | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | 7 | 3 | 5 | 1 | 4 | 3 | 8 | 5 | 4 | 2 | 1 | 1 | 1 | 2 | 1 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 | 6 | 4 | 4 | 6 | 3 | 3 | 5 | 2 | 4 | 1 | 2 | 5 | - | 4 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 | 10 | 7 | 6 | 3 | 5 | 5 | 4 | 2 | 5 | 2 | 4 | 2 | 1 | 1 | - | 2 | 1 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 |
| 8 | 7 | 9 | 3 | 6 | 3 | 3 | 3 | 3 | 6 | - | 1 | 2 | 4 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 3 |
| 6 | 4 | 4 | 2 | 6 | 3 | 4 | 1 | 2 | - | 3 | - | - | 3 | - | 1 | - | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 3 | 9 | 7 | 4 | 4 | 9 | 3 | 3 | 3 | 2 | 7 | 1 | 3 | 1 | - | 2 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 9 | 8 | 4 | 1 | 2 | 3 | 6 | 6 | 2 | - | 1 | 5 | 3 | 1 | 2 | 1 | - | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 8 | 10 | 10 | 4 | 6 | 6 | 4 | 3 | 2 | - | 2 | 4 | 1 | 2 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| 6 | 2 | 3 | 1 | 3 | 1 | 3 | 3 | 1 | 1 | - | 1 | - | - | - | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |

TABLE C-14

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: BIOLOGICAL SCIENCE, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 49 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| 50 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 9 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 53 | 12 | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 54 | 9 | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 13 | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 56 | 9 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - |
| 57 | 699 | - | - | - | - | - | 3 | 18 | 36 | 59 | 68 | 66 | 82 | 79 | 62 | 63 | 35 | 28 | 22 | 19 | 15 | 8 | 4 | 5 | 4 | 3 | 3 | 2 |
| 58 | 696 | - | - | - | - | - | 4 | 12 | 24 | 52 | 74 | 81 | 91 | 65 | 58 | 30 | 41 | 38 | 26 | 23 | 16 | 5 | 8 | 12 | 8 | 6 | 5 | 1 |
| 59 | 718 | - | - | - | - | - | 2 | 14 | 32 | 58 | 64 | 76 | 79 | 72 | 57 | 41 | 39 | 40 | 29 | 21 | 12 | 24 | 10 | 12 | 5 | 7 | 2 | 1 |
| 60 | 734 | - | - | - | - | - | 3 | 11 | 35 | 47 | 61 | 82 | 82 | 70 | 56 | 50 | 40 | 40 | 25 | 30 | 22 | 17 | 11 | 8 | 12 | 8 | 3 | 2 |
| 61 | 707 | 1 | - | - | - | - | 5 | 10 | 41 | 49 | 61 | 74 | 68 | 59 | 58 | 53 | 46 | 31 | 24 | 24 | 19 | 11 | 16 | 14 | 7 | 6 | 5 | 1 |
| 62 | 828 | - | - | - | - | - | 1 | 12 | 46 | 70 | 71 | 72 | 92 | 104 | 61 | 47 | 46 | 37 | 28 | 20 | 19 | 18 | 15 | 14 | 10 | 9 | 3 | 8 |
| 63 | 883 | - | - | - | - | - | 1 | 14 | 45 | 71 | 86 | 90 | 69 | 76 | 85 | 66 | 54 | 42 | 29 | 30 | 27 | 17 | 8 | 11 | 7 | 4 | 10 | 1 |
| 64 | 942 | - | - | - | - | - | - | 23 | 53 | 83 | 117 | 87 | 93 | 71 | 78 | 68 | 45 | 37 | 35 | 26 | 18 | 14 | 15 | 16 | 16 | 15 | 8 | - |
| 65 | 1E3 | - | - | - | - | 1 | 1 | 18 | 32 | 107 | 105 | 108 | 109 | 101 | 69 | 71 | 67 | 45 | 46 | 35 | 33 | 14 | 16 | 19 | 11 | 9 | 3 | 4 |
| 66 | 1E3 | - | - | - | - | - | 2 | 15 | 53 | 113 | 132 | 121 | 93 | 92 | 77 | 59 | 69 | 49 | 41 | 37 | 29 | 28 | 22 | 16 | 12 | 7 | 6 | 10 |
| 67 | 1E3 | - | - | - | - | - | 2 | 12 | 64 | 145 | 140 | 123 | 102 | 91 | 96 | 71 | 60 | 59 | 41 | 35 | 32 | 27 | 25 | 1 | 15 | 15 | 6 | 13 |
| 68 | 1E3 | - | - | - | - | - | 1 | 17 | 77 | 147 | 184 | 134 | 151 | 94 | 98 | 72 | 62 | 54 | 46 | 41 | 26 | 15 | 26 | 16 | 13 | 11 | 12 | 7 |
| 69 | 1E3 | - | - | - | - | - | - | 15 | 80 | 211 | 197 | 165 | 143 | 119 | 108 | 76 | 63 | 65 | 47 | 37 | 28 | 27 | 19 | 23 | 1 | 11 | 14 | 12 |
| 70 | 2E3 | - | - | - | - | - | 2 | 17 | 81 | 209 | 268 | 194 | 198 | 131 | 120 | 110 | 78 | 62 | 43 | 36 | 29 | 18 | 19 | 17 | 10 | 13 | 3 | 10 |
| 71 | 2E3 | - | - | - | - | - | 3 | 14 | 65 | 148 | 233 | 262 | 199 | 149 | 104 | 100 | 72 | 71 | 57 | 39 | 35 | 25 | 23 | 17 | 22 | 12 | 8 | 4 |
| 72 | 2E3 | - | - | - | - | - | 1 | 15 | 50 | 143 | 213 | 234 | 202 | 171 | 125 | 130 | 83 | 55 | 57 | 49 | 27 | 30 | 22 | 29 | 17 | 9 | 14 | 6 |
| 73 | 1E3 | - | - | - | 1 | 1 | - | 11 | 64 | 129 | 154 | 181 | 170 | 171 | 118 | 101 | 81 | 50 | 45 | 33 | 31 | 26 | 14 | 17 | 14 | 9 | 11 | 3 |
| 74 | 1E3 | - | - | - | - | - | - | 14 | 44 | 118 | 127 | 157 | 163 | 139 | 123 | 108 | 81 | 58 | 49 | 30 | 38 | 22 | 18 | 14 | 12 | 12 | 7 | 4 |
| 75 | 1E3 | - | - | - | - | 1 | 1 | 6 | 42 | 108 | 154 | 167 | 153 | 116 | 121 | 113 | 81 | 64 | 42 | 47 | 30 | 25 | 23 | 7 | 8 | 8 | 6 | 4 |
| 76 | 1E3 | - | - | - | - | - | - | 6 | 44 | 108 | 137 | 191 | 148 | 124 | 108 | 108 | 74 | 52 | 29 | 34 | 33 | 21 | 20 | 12 | 9 | 8 | 9 | 9 |
| 77 | 1E3 | - | - | - | - | - | 1 | 6 | 51 | 100 | 144 | 142 | 144 | 137 | 100 | 97 | 73 | 63 | 40 | 27 | 29 | 17 | 19 | 15 | 8 | 4 | 6 | 6 |
| 78 | 668 | - | - | - | - | - | - | 1 | 15 | 52 | 77 | 85 | 71 | 77 | 77 | 37 | 37 | 31 | 31 | 14 | 11 | 4 | 7 | 5 | 6 | 7 | 6 | 2 |

- Data not available.

TABLE C-14

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: BIOLOGICAL SCIENCE, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 | 8 | 4 | 5 | 4 | 3 | 3 | 2 | 3 | 1 | 4 | - | 4 | 1 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 5 | 8 | 12 | 8 | 6 | 5 | 1 | 3 | 2 | 2 | 2 | - | - | 1 | 1 | - | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 24 | 10 | 12 | 5 | 7 | 2 | 1 | 3 | 5 | 4 | 3 | - | - | - | 2 | - | 1 | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 22 | 17 | 11 | 8 | 12 | 8 | 3 | 2 | 2 | 4 | 3 | - | 1 | - | - | 1 | - | 1 | 1 | - | - | - | - | 5 | - | - | - | - | - | - | - | - | - |
| 19 | 11 | 16 | 14 | 7 | 6 | 5 | 1 | 2 | 5 | 2 | 4 | 2 | - | 1 | 2 | - | 1 | - | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - |
| 19 | 18 | 15 | 14 | 10 | 9 | 3 | 8 | 1 | 5 | - | 1 | 1 | - | 1 | 1 | 1 | - | - | - | 2 | - | 1 | - | - | 11 | - | - | - | - | - | - | - |
| 27 | 17 | 8 | 11 | 7 | 4 | 10 | 1 | 3 | 3 | 3 | 4 | 2 | 3 | - | - | 1 | - | 2 | 1 | - | - | - | - | - | - | 18 | - | - | - | - | - | - |
| 18 | 14 | 15 | 10 | 16 | 15 | 8 | - | 3 | 2 | 5 | 1 | - | 1 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | 15 | - | - | - | - | - |
| 33 | 14 | 16 | 19 | 11 | 9 | 3 | 4 | 4 | 2 | 2 | 1 | - | 1 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | 11 | - | - | - | - |
| 29 | 28 | 22 | 16 | 12 | 7 | 6 | 10 | 5 | 7 | 4 | 5 | 3 | 1 | - | 4 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 2 | - | - | - |
| 32 | 27 | 25 | 11 | 15 | 15 | 6 | 13 | 11 | 2 | 6 | 4 | 7 | 2 | - | 2 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | 15 | 26 | 16 | 13 | 11 | 12 | 7 | 7 | 4 | 3 | 7 | 3 | 1 | 2 | 2 | - | 1 | - | 1 | - | 1 | 2 | - | - | - | - | - | - | - | 3 | - | - |
| 28 | 27 | 19 | 23 | 16 | 11 | 14 | 12 | 6 | 3 | 3 | 1 | 1 | - | 4 | 1 | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - |
| 29 | 18 | 19 | 17 | 10 | 13 | 3 | 10 | 5 | 9 | 3 | 3 | 4 | 2 | 2 | 2 | 4 | 2 | 2 | 1 | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 1 |
| 35 | 25 | 23 | 17 | 22 | 12 | 8 | 4 | 6 | 6 | 5 | 4 | 4 | 3 | 1 | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 |
| 27 | 30 | 22 | 29 | 17 | 9 | 14 | 6 | 4 | 5 | 2 | 2 | - | 2 | 3 | - | 1 | 1 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | 5 |
| 31 | 26 | 14 | 17 | 14 | 9 | 11 | 3 | 4 | 4 | 4 | 1 | 3 | 2 | 1 | 2 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| 38 | 22 | 18 | 14 | 12 | 12 | 7 | 4 | 9 | 4 | 4 | 3 | 1 | - | 1 | 2 | 2 | 1 | - | - | 2 | - | - | - | 1 | - | - | - | - | - | - | - | 3 |
| 30 | 25 | 23 | 7 | 18 | 8 | 6 | 4 | 6 | 7 | 6 | 5 | 1 | 1 | 1 | - | 1 | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 3 |
| 33 | 21 | 20 | 12 | 9 | 8 | 9 | 9 | 8 | 7 | 5 | 4 | 2 | 2 | 2 | 4 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 |
| 29 | 17 | 19 | 15 | 8 | 4 | 6 | 6 | 2 | 4 | 4 | 5 | 3 | 3 | 2 | - | 2 | - | - | - | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | 6 |
| 11 | 4 | 7 | 5 | 6 | 7 | 6 | 2 | 3 | 1 | 1 | 2 | 3 | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |

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TABLE C-15

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: AGRICULTURAL SCIENCE, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 57 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 58 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - |
| 59 | 7 | - | - | - | - | - | - | - | 2 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 60 | 8 | - | - | - | - | - | - | - | - | - | - | 2 | 1 | - | - | 1 | 1 | 1 | - | - | 2 | - | - | - | - | - | - | - |
| 61 | 3 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 62 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 63 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 64 | 7 | - | - | - | - | - | - | - | - | 1 | - | - | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 65 | 6 | - | - | - | - | - | - | - | - | 1 | - | 2 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 66 | 6 | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | 1 |
| 67 | 13 | - | - | - | - | - | - | 3 | - | 1 | 2 | 1 | 2 | - | 1 | - | 2 | - | - | 1 | - | - | - | - | - | - | - | - |
| 68 | 6 | - | - | - | - | - | - | - | - | 1 | 1 | - | 1 | - | - | - | - | - | 1 | 1 | 1 | - | - | - | - | - | - | - |
| 69 | 16 | - | - | - | - | - | - | - | 1 | 1 | 1 | 2 | 3 | 4 | - | - | - | - | 1 | - | 1 | - | - | - | - | 1 | - | - |
| 70 | 17 | - | - | - | - | - | - | 1 | 1 | 1 | 2 | 1 | 2 | - | 2 | 3 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 71 | 20 | - | - | - | - | - | - | - | 2 | 1 | - | 3 | 4 | 3 | 1 | 3 | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| 72 | 24 | - | - | - | - | - | - | 1 | - | 1 | 2 | 2 | 3 | 3 | 3 | - | 1 | 2 | - | 1 | - | 1 | 1 | - | 1 | - | - | - |
| 73 | 30 | - | - | - | - | - | - | - | 2 | 1 | 2 | 3 | 3 | 4 | 3 | 1 | 1 | 2 | 1 | - | 1 | 1 | 1 | - | 1 | - | - | - |
| 74 | 34 | - | - | - | - | - | - | - | - | 4 | 3 | 4 | 4 | 5 | 1 | 3 | 1 | 3 | - | - | 2 | - | - | - | - | 1 | - | - |
| 75 | 28 | - | - | - | - | - | - | - | 1 | 3 | 5 | 3 | 1 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| 76 | 48 | - | - | - | - | - | - | 2 | 3 | 4 | 7 | 8 | 2 | 4 | 2 | 5 | 2 | 2 | - | 2 | 1 | 1 | - | - | 1 | - | - | - |
| 77 | 42 | - | - | - | - | - | - | 1 | 1 | 3 | 4 | 8 | 3 | 3 | 5 | 7 | 2 | 2 | - | 1 | - | - | - | - | - | - | 1 | - |
| 78 | 26 | - | - | - | - | - | - | - | - | 1 | 4 | 4 | 2 | 2 | 1 | 3 | 1 | 3 | 2 | 2 | - | 1 | - | - | - | - | - | - |

- Data not available.

TABLE C-15

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: AGRICULTURAL SCIENCE, FEMALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OL-DER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | 1 | - | 1 | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | 1 | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-16

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: AGRICULTURAL SCIENCE, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 49 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 7 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| 54 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 55 | 11 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 307 | - | - | - | - | - | 2 | 2 | 20 | 28 | 27 | 30 | 21 | 20 | 30 | 18 | 10 | 20 | 14 | 8 | 10 | 10 | 7 | 6 | 6 | 4 | 2 | |
| 58 | 44 | 1 | - | - | - | - | 1 | 4 | 16 | 28 | 30 | 27 | 40 | 26 | 19 | 19 | 24 | 19 | 22 | 9 | 12 | 7 | 3 | 4 | 7 | 5 | 10 | |
| 59 | 381 | - | - | - | - | - | - | 6 | 11 | 20 | 37 | 48 | 45 | 34 | 26 | 21 | 22 | 16 | 15 | 8 | 8 | 15 | 12 | 8 | 5 | 2 | 5 | |
| 60 | 422 | - | - | - | - | - | 2 | 9 | 20 | 25 | 43 | 54 | 52 | 27 | 28 | 21 | 13 | 19 | 15 | 17 | 16 | 12 | 8 | 5 | 11 | 11 | 2 | |
| 61 | 447 | - | - | - | - | - | 1 | 4 | 20 | 24 | 30 | 51 | 62 | 44 | 41 | 23 | 23 | 20 | 12 | 8 | 15 | 11 | 18 | 8 | 6 | 4 | 6 | |
| 62 | 512 | - | - | - | - | - | 1 | 11 | 15 | 37 | 51 | 39 | 56 | 52 | 55 | 32 | 30 | 20 | 20 | 10 | 7 | 15 | 11 | 8 | 9 | 4 | 4 | |
| 63 | 491 | - | - | - | - | - | - | 5 | 25 | 42 | 43 | 35 | 40 | 46 | 58 | 41 | 19 | 15 | 14 | 17 | 12 | 13 | 10 | 10 | 7 | 8 | 6 | |
| 64 | 562 | - | - | - | - | - | 1 | 8 | 17 | 37 | 38 | 44 | 55 | 44 | 46 | 69 | 23 | 28 | 25 | 19 | 15 | 9 | 15 | 9 | 15 | 4 | 3 | |
| 65 | 598 | - | - | - | - | - | - | 3 | 24 | 43 | 50 | 55 | 40 | 55 | 49 | 46 | 37 | 30 | 15 | 15 | 24 | 19 | 14 | 13 | 8 | 10 | 8 | |
| 66 | 633 | - | - | - | - | - | - | 8 | 27 | 52 | 56 | 47 | 54 | 41 | 54 | 47 | 40 | 41 | 21 | 32 | 19 | 13 | 12 | 12 | 8 | 10 | 7 | |
| 67 | 667 | - | - | - | - | 1 | 3 | 9 | 18 | 50 | 70 | 53 | 49 | 51 | 56 | 38 | 33 | 25 | 37 | 39 | 22 | 19 | 13 | 16 | 8 | 7 | 10 | |
| 68 | 705 | - | - | - | - | - | 1 | 7 | 26 | 72 | 68 | 67 | 57 | 51 | 42 | 50 | 40 | 42 | 36 | 25 | 28 | 18 | 16 | 13 | 8 | 2 | 9 | |
| 69 | 797 | - | - | - | - | - | 1 | 4 | 32 | 79 | 100 | 90 | 65 | 60 | 61 | 43 | 46 | 30 | 35 | 34 | 17 | 27 | 10 | 9 | 10 | 9 | 7 | |
| 70 | 867 | - | - | - | - | - | - | 8 | 30 | 91 | 126 | 97 | 77 | 64 | 50 | 42 | 43 | 37 | 23 | 29 | 23 | 28 | 21 | 14 | 12 | 5 | 8 | |
| 71 | 875 | - | - | - | - | - | - | 1 | 26 | 73 | 83 | 86 | 106 | 72 | 75 | 53 | 41 | 37 | 33 | 35 | 26 | 22 | 27 | 13 | 10 | 7 | 6 | |
| 72 | 836 | - | - | - | - | - | 1 | 5 | 17 | 56 | 79 | 99 | 86 | 84 | 52 | 55 | 53 | 56 | 31 | 16 | 15 | 34 | 23 | 16 | 9 | 11 | 9 | |
| 73 | 794 | - | - | - | - | - | 1 | 4 | 25 | 50 | 78 | 80 | 85 | 79 | 79 | 54 | 48 | 38 | 30 | 25 | 27 | 20 | 14 | 6 | 7 | 5 | 10 | |
| 74 | 796 | - | - | - | - | 1 | 1 | 1 | 27 | 56 | 67 | 97 | 83 | 85 | 72 | 55 | 41 | 40 | 36 | 24 | 22 | 15 | 11 | 19 | 10 | 5 | 4 | |
| 75 | 724 | - | - | - | - | - | 2 | 8 | 18 | 41 | 78 | 69 | 86 | 60 | 64 | 54 | 48 | 32 | 38 | 21 | 22 | 17 | 19 | 6 | 5 | 8 | 9 | |
| 76 | 685 | - | - | - | - | - | - | 3 | 20 | 35 | 49 | 76 | 84 | 67 | 54 | 54 | 49 | 31 | 22 | 21 | 15 | 17 | 19 | 16 | 12 | 10 | 7 | |
| 77 | 696 | - | - | - | - | - | 1 | 6 | 14 | 54 | 62 | 76 | 74 | 71 | 60 | 53 | 50 | 29 | 29 | 23 | 15 | 13 | 12 | 10 | 7 | 5 | 3 | |
| 78 | 324 | - | - | - | - | - | 1 | 1 | 7 | 22 | 25 | 36 | 29 | 29 | 27 | 27 | 23 | 25 | 13 | 7 | 12 | 10 | 3 | 4 | 3 | 4 | 1 | |

- Data not available.

TABLE C-16

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: AGRICULTURAL SCIENCE, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OL DE |
| - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 10 | 7 | 6 | 6 | 4 | 2 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 7 | 3 | 4 | 7 | 5 | 10 | 2 | 2 | 1 | - | 1 | 2 | 1 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | 15 | 12 | 8 | 5 | 2 | 5 | 4 | 3 | - | 2 | 2 | 3 | - | 1 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 12 | 8 | 5 | 11 | 11 | 2 | 3 | 3 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 15 | 11 | 18 | 8 | 6 | 4 | 6 | 2 | - | 1 | - | 2 | 2 | 2 | - | 1 | - | 2 | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - |
| 7 | 15 | 11 | 8 | 9 | 4 | 4 | 5 | 4 | 3 | 2 | 1 | 2 | 1 | 1 | - | - | 2 | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - |
| 12 | 13 | 10 | 10 | 7 | 8 | 6 | 1 | 1 | 1 | - | 3 | - | 1 | 2 | - | 1 | - | - | - | 2 | - | - | - | - | 11 | - | - | - | - | - | - | - |
| 15 | 9 | 15 | 9 | 15 | 4 | 3 | 5 | 5 | - | 4 | 3 | 2 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 16 | - | - | - | - | - | - |
| 24 | 19 | 14 | 13 | 8 | 10 | 8 | 5 | 2 | 2 | 2 | 3 | - | 1 | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | 23 | - | - | - | - | - |
| 19 | 13 | 12 | 12 | 8 | 10 | 7 | 6 | 2 | 7 | 6 | 2 | 2 | 2 | 1 | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 22 | 19 | 13 | 16 | 8 | 7 | 10 | 5 | 8 | 8 | 6 | 5 | 4 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| 28 | 18 | 16 | 13 | 8 | 2 | 9 | 2 | 4 | 4 | 5 | 1 | 3 | - | - | 1 | 2 | 2 | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 17 | 27 | 10 | 9 | 10 | 9 | 7 | 3 | 9 | 8 | 2 | 2 | 2 | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | 28 | 21 | 14 | 12 | 5 | 8 | 9 | 4 | 5 | 5 | 3 | 3 | 2 | 1 | 1 | - | 1 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 26 | 22 | 27 | 13 | 10 | 7 | 6 | 7 | 3 | 7 | 6 | 2 | 7 | 2 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 | 34 | 23 | 16 | 9 | 11 | 9 | 4 | 9 | 1 | 2 | 2 | 2 | 1 | 2 | 3 | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 27 | 20 | 14 | 6 | 7 | 5 | 10 | 4 | 6 | 2 | 6 | 4 | 1 | 3 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - |
| 22 | 15 | 11 | 13 | 10 | 5 | 4 | 7 | 3 | 3 | - | - | - | 1 | 2 | 1 | 2 | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 22 | 17 | 19 | 6 | 5 | 8 | 9 | 7 | 2 | 3 | 2 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 15 | 17 | 19 | 16 | 12 | 10 | 7 | 5 | 4 | 3 | 2 | - | 1 | 2 | - | 1 | 1 | - | 2 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 15 | 13 | 12 | 10 | 7 | 5 | 3 | 4 | 4 | 6 | 2 | 2 | 1 | 2 | 1 | 2 | - | - | - | 1 | - | - | 1 | - | - | 1 | - | 1 | - | - | - | - | - |
| 12 | 10 | 3 | 4 | 3 | 4 | 1 | 6 | 1 | 3 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-17

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: SOCIAL SCIENCE, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 53 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 30 | - | - | - | - | - | 1 | - | 1 | - | 2 | 4 | 1 | 4 | 2 | 3 | 2 | 3 | - | - | - | - | - | 1 | 1 | - | - | - |
| 58 | 60 | - | - | - | - | - | 1 | 1 | 1 | 10 | 2 | 4 | 1 | 2 | - | 4 | 1 | 4 | 1 | 3 | 4 | 2 | 1 | - | 1 | 4 | - | 1 |
| 59 | 63 | - | - | - | - | - | - | 1 | 4 | 3 | 2 | 2 | 6 | 6 | 1 | 6 | 2 | 1 | 3 | 2 | 4 | 1 | - | 1 | 1 | 4 | 2 | 3 |
| 60 | 61 | - | - | - | - | - | 1 | 2 | - | 2 | 3 | 7 | 8 | 1 | 2 | 3 | 4 | 2 | 5 | - | 2 | - | - | 2 | 2 | 1 | 2 | 2 |
| 61 | 66 | - | - | - | - | - | - | 4 | 3 | 4 | 1 | 3 | 2 | 3 | 4 | 4 | 6 | 1 | 3 | 6 | 4 | - | - | 2 | 1 | 1 | 4 | - |
| 62 | 63 | 1 | - | - | - | - | - | 1 | 1 | 2 | 2 | 3 | 4 | 5 | 4 | 7 | 2 | - | 2 | 1 | 8 | 3 | 2 | 1 | 1 | 3 | 1 | 1 |
| 63 | 88 | - | - | - | - | - | - | 4 | - | 2 | 4 | 5 | 6 | 5 | 2 | 4 | 8 | 2 | 3 | 4 | 4 | 2 | 4 | 6 | 6 | 2 | 1 | 2 |
| 64 | 72 | - | - | - | - | - | 1 | 1 | 3 | 4 | 7 | 6 | 4 | 1 | - | 1 | 5 | 3 | 2 | 3 | 4 | 2 | 1 | 3 | 4 | 3 | 3 | 1 |
| 65 | 94 | - | - | - | - | - | - | 3 | 5 | 5 | 6 | 5 | 9 | 2 | 4 | 9 | 6 | 6 | 3 | 2 | 3 | 4 | 1 | - | 3 | 1 | 1 | - |
| 66 | 118 | - | - | - | - | 1 | 1 | 4 | 3 | 7 | 6 | 9 | 5 | 9 | 5 | 6 | 8 | 6 | 2 | - | 5 | 4 | 2 | 3 | 4 | 6 | 2 | 1 |
| 67 | 147 | - | - | - | - | - | 3 | 5 | 3 | 10 | 10 | 14 | 5 | 11 | 7 | 6 | 4 | 6 | 3 | 8 | 10 | 3 | 4 | 3 | 6 | 1 | 4 | 6 |
| 68 | 167 | - | - | - | - | - | 1 | 3 | 10 | 13 | 19 | 10 | 7 | 10 | 7 | 1 | 5 | 8 | 6 | 7 | 4 | 6 | 3 | 3 | 6 | 5 | 8 | 4 |
| 69 | 192 | 1 | - | - | - | - | 1 | 2 | 12 | 11 | 20 | 18 | 11 | 8 | 10 | 8 | 10 | 6 | 5 | 3 | 7 | 7 | 5 | 4 | 5 | 3 | 2 | 7 |
| 70 | 221 | - | - | - | - | 1 | - | 5 | 11 | 15 | 26 | 16 | 17 | 4 | 11 | 12 | 11 | 5 | 14 | 6 | 7 | 2 | 3 | 4 | 4 | 5 | 1 | 4 |
| 71 | 300 | - | - | - | - | - | 1 | 8 | 13 | 16 | 29 | 25 | 21 | 19 | 16 | 20 | 16 | 11 | 13 | 7 | 13 | 12 | 4 | 6 | 2 | 9 | 6 | 6 |
| 72 | 343 | - | - | - | - | - | 4 | 9 | 13 | 31 | 26 | 41 | 41 | 29 | 14 | 20 | 13 | 12 | 5 | 4 | 6 | 7 | 6 | 3 | 4 | 6 | 6 | 5 |
| 73 | 388 | - | - | - | - | - | 3 | 6 | 17 | 31 | 33 | 44 | 34 | 26 | 32 | 28 | 16 | 17 | 11 | 6 | 10 | 8 | 8 | 6 | 5 | 2 | 7 | 5 |
| 74 | 455 | - | - | - | - | - | 1 | 9 | 16 | 46 | 47 | 64 | 40 | 32 | 38 | 14 | 17 | 16 | 17 | 13 | 9 | 11 | 8 | 6 | 7 | 6 | 3 | 2 |
| 75 | 485 | - | - | - | - | - | - | 6 | 14 | 31 | 49 | 51 | 42 | 47 | 38 | 33 | 24 | 20 | 23 | 11 | 9 | 8 | 8 | 10 | 4 | 9 | 3 | 4 |
| 76 | 542 | - | - | - | - | - | 4 | 3 | 21 | 45 | 50 | 69 | 53 | 46 | 33 | 39 | 25 | 21 | 16 | 11 | 17 | 14 | 10 | 6 | 7 | 4 | 3 | 7 |
| 77 | 549 | 1 | - | - | - | - | 1 | 8 | 16 | 32 | 45 | 46 | 67 | 51 | 38 | 35 | 25 | 18 | 18 | 21 | 13 | 12 | 9 | 16 | 3 | 7 | 8 | 7 |
| 78 | 278 | - | - | - | - | - | 1 | 1 | 8 | 7 | 17 | 27 | 29 | 18 | 32 | 14 | 19 | 15 | 17 | 8 | 10 | 6 | 4 | 7 | 5 | 4 | 4 | 2 |

- Data not available.

TABLE C-17

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: SOCIAL SCIENCE, FEMALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | 1 | 1 | - | - | - | - | - | 1 | - | - | 1 | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 2 | 1 | - | 1 | 4 | - | 1 | 3 | 3 | 2 | 1 | 1 | - | - | - | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 1 | - | 1 | 1 | 4 | 2 | 3 | 1 | 1 | 1 | - | - | 2 | - | - | 1 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - |
| 2 | - | - | 2 | 2 | 1 | 2 | 2 | - | 1 | 1 | 1 | 2 | 2 | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 4 | - | - | 2 | 1 | 1 | 1 | - | 4 | 3 | - | 1 | - | 1 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | 3 | 2 | 1 | 1 | 3 | 1 | 1 | - | - | 2 | 2 | 2 | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 2 | 4 | 6 | 6 | 2 | 1 | 2 | 2 | 2 | 3 | 1 | - | 1 | 1 | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 2 | 1 | 3 | 4 | 3 | 3 | 1 | 1 | - | 1 | 2 | - | - | 1 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 3 | 4 | 1 | - | 3 | 1 | 1 | - | 1 | 1 | - | 2 | - | 1 | 2 | - | 2 | 2 | - | 1 | - | 1 | - | - | - | - | 3 | - | - | - | - | - | - |
| 5 | 4 | 2 | 3 | 4 | 6 | 2 | 1 | 2 | 1 | 1 | 3 | 4 | 2 | 2 | - | - | 2 | - | 2 | - | - | 1 | - | - | - | - | 3 | - | - | - | - | - |
| 10 | 3 | 4 | 3 | 6 | 1 | 4 | 6 | 2 | - | 2 | 1 | 2 | 3 | - | 1 | - | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 6 | 3 | 3 | 6 | 5 | 8 | 4 | 1 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 2 | - | - | 1 | 1 | 1 | - | - | 2 | - | 1 | - | - | - | - | - | - |
| 7 | 7 | 5 | 4 | 5 | 3 | 2 | 7 | 4 | 2 | 2 | 5 | 2 | 3 | 1 | 2 | - | - | - | 1 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | 1 | - |
| 7 | 2 | 3 | 4 | 4 | 5 | 1 | 4 | 4 | 2 | 3 | 1 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - |
| 13 | 12 | 4 | 6 | 2 | 9 | 6 | 6 | 3 | 5 | 2 | 5 | 3 | 1 | - | 4 | - | 1 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 7 | 6 | 3 | 4 | 6 | 6 | 5 | 7 | 7 | 3 | 2 | 4 | - | 2 | 1 | 2 | 1 | 3 | 2 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | 2 |
| 10 | 8 | 8 | 6 | 5 | 2 | 7 | 3 | 6 | 4 | 6 | 3 | 6 | 3 | 1 | 3 | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 9 | 11 | 8 | 6 | 7 | 6 | 3 | 2 | 9 | 6 | 3 | 4 | 1 | 3 | 2 | 1 | - | 1 | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 9 | 8 | 8 | 10 | 4 | 9 | 3 | 4 | 2 | 4 | 5 | 2 | 6 | 7 | 2 | 3 | - | 2 | 4 | - | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 17 | 14 | 10 | 6 | 7 | 4 | 3 | 7 | 6 | 6 | 4 | 1 | 3 | 3 | 2 | 4 | 3 | 2 | - | 2 | - | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| 13 | 12 | 9 | 16 | 3 | 7 | 8 | 7 | 7 | 4 | 5 | 7 | 5 | 3 | 3 | 3 | 1 | 3 | 2 | 3 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | 2 |
| 10 | 6 | 4 | 7 | 5 | 4 | 4 | 2 | 5 | 2 | 3 | - | 2 | 3 | 2 | - | 1 | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 |

TABLE C-18

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: SOCIAL SCIENCE, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 49 | 5 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 15 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 7 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 12 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | 3 | - | - | - | - | - | - | - | - | - |
| 55 | 12 | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 56 | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | 1 | - | - | - | - | - |
| 57 | 473 | - | - | - | 2 | - | 3 | 5 | 19 | 23 | 24 | 32 | 36 | 32 | 27 | 34 | 31 | 29 | 38 | 20 | 22 | 27 | 15 | 8 | 9 | 4 | 4 | 7 |
| 58 | 559 | 2 | - | - | 1 | - | 4 | 4 | 13 | 20 | 42 | 43 | 46 | 37 | 32 | 43 | 41 | 32 | 33 | 33 | 23 | 25 | 17 | 8 | 14 | 12 | 4 | 6 |
| 59 | 632 | 1 | - | - | - | 2 | 3 | 8 | 20 | 32 | 45 | 58 | 33 | 46 | 48 | 33 | 34 | 38 | 36 | 27 | 28 | 29 | 15 | 10 | 16 | 8 | 12 | 5 |
| 60 | 675 | - | - | - | - | - | 4 | 6 | 24 | 23 | 33 | 60 | 63 | 46 | 61 | 39 | 51 | 31 | 30 | 19 | 31 | 29 | 21 | 22 | 20 | 5 | 10 | 6 |
| 61 | 685 | - | - | - | - | 1 | 1 | 10 | 28 | 29 | 31 | 35 | 72 | 59 | 53 | 44 | 34 | 42 | 39 | 30 | 24 | 34 | 19 | 20 | 11 | 11 | 15 | 9 |
| 62 | 693 | 1 | - | - | - | - | 1 | 9 | 18 | 35 | 47 | 56 | 45 | 50 | 56 | 42 | 41 | 45 | 31 | 24 | 23 | 32 | 21 | 28 | 19 | 13 | 7 | 10 |
| 63 | 761 | 1 | - | - | - | - | 1 | 10 | 20 | 45 | 44 | 68 | 47 | 54 | 62 | 77 | 40 | 33 | 34 | 28 | 27 | 25 | 23 | 22 | 18 | 14 | 17 | 6 |
| 64 | 818 | 1 | - | - | - | 2 | 3 | 10 | 30 | 52 | 57 | 49 | 63 | 66 | 72 | 54 | 52 | 46 | 39 | 23 | 24 | 29 | 21 | 13 | 15 | 16 | 13 | 8 |
| 65 | 898 | - | - | - | - | 1 | 4 | 21 | 36 | 57 | 62 | 69 | 67 | 49 | 75 | 71 | 48 | 33 | 48 | 30 | 34 | 21 | 25 | 15 | 15 | 17 | 9 | 15 |
| 66 | 989 | - | - | - | - | - | 4 | 19 | 59 | 65 | 97 | 91 | 55 | 59 | 57 | 70 | 48 | 67 | 42 | 48 | 27 | 22 | 27 | 22 | 13 | 15 | 15 | 15 |
| 67 | 1E3 | - | - | - | - | 2 | 3 | 24 | 56 | 82 | 100 | 112 | 95 | 85 | 88 | 73 | 71 | 51 | 36 | 45 | 28 | 34 | 17 | 23 | 8 | 19 | 19 | 18 |
| 68 | 1E3 | 1 | - | - | - | - | 2 | 24 | 71 | 95 | 120 | 96 | 96 | 102 | 86 | 98 | 61 | 55 | 42 | 56 | 38 | 36 | 26 | 24 | 22 | 8 | 17 | 13 |
| 69 | 1E3 | - | - | - | - | 1 | 8 | 23 | 85 | 130 | 162 | 135 | 119 | 117 | 94 | 89 | 81 | 57 | 60 | 46 | 38 | 38 | 27 | 27 | 21 | 7 | 12 | 9 |
| 70 | 2E3 | - | - | 1 | 1 | 1 | 2 | 13 | 91 | 153 | 184 | 180 | 183 | 138 | 119 | 121 | 87 | 84 | 72 | 61 | 49 | 40 | 31 | 28 | 22 | 23 | 8 | 15 |
| 71 | 2E3 | - | - | - | - | - | 4 | 31 | 78 | 173 | 222 | 251 | 202 | 144 | 130 | 105 | 94 | 90 | 70 | 65 | 51 | 49 | 35 | 38 | 26 | 12 | 14 | 15 |
| 72 | 2E3 | - | - | - | - | - | 8 | 23 | 83 | 136 | 210 | 238 | 225 | 190 | 165 | 126 | 118 | 71 | 67 | 61 | 56 | 46 | 32 | 31 | 41 | 16 | 24 | 18 |
| 73 | 2E3 | 1 | - | - | - | - | 9 | 22 | 90 | 144 | 177 | 200 | 226 | 234 | 187 | 149 | 113 | 94 | 62 | 57 | 47 | 44 | 50 | 35 | 23 | 26 | 24 | 17 |
| 74 | 2E3 | - | - | - | - | - | 2 | 26 | 74 | 149 | 169 | 188 | 193 | 172 | 205 | 172 | 117 | 100 | 83 | 67 | 49 | 39 | 26 | 37 | 24 | 15 | 23 | 16 |
| 75 | 2E3 | - | - | - | 1 | - | 5 | 14 | 79 | 120 | 194 | 189 | 191 | 175 | 176 | 140 | 120 | 100 | 66 | 68 | 61 | 49 | 34 | 31 | 21 | 19 | 16 | 11 |
| 76 | 2E3 | - | - | - | - | - | 4 | 19 | 50 | 110 | 147 | 208 | 189 | 180 | 136 | 176 | 123 | 117 | 75 | 85 | 48 | 30 | 35 | 22 | 24 | 20 | 15 | 10 |
| 77 | 2E3 | - | - | - | - | - | 3 | 12 | 59 | 105 | 151 | 170 | 167 | 183 | 138 | 131 | 138 | 117 | 81 | 62 | 53 | 53 | 40 | 25 | 18 | 29 | 16 | 11 |
| 78 | 800 | - | - | - | - | - | 1 | 3 | 13 | 36 | 67 | 65 | 83 | 84 | 93 | 60 | 61 | 49 | 42 | 34 | 25 | 21 | 10 | 9 | 7 | 3 | 4 | 5 |

- Data not available.

TABLE C-18

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: SOCIAL SCIENCE, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 22 | 27 | 15 | 8 | 9 | 4 | 4 | 7 | 3 | 5 | 1 | 3 | 1 | 1 | 1 | 1 | - | 1 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | 25 | 17 | 8 | 14 | 12 | 4 | 6 | 9 | 2 | 2 | 1 | 3 | 2 | - | - | - | - | - | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 28 | 29 | 15 | 10 | 16 | 8 | 12 | 5 | 9 | 4 | 7 | 5 | 2 | 3 | 4 | 2 | - | 1 | 1 | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | 29 | 21 | 22 | 20 | 5 | 10 | 6 | 9 | 7 | 5 | 2 | 5 | 3 | 1 | 1 | - | - | - | - | 2 | - | 6 | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 34 | 19 | 20 | 11 | 11 | 15 | 9 | 9 | 4 | 2 | 4 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | - | - | 1 | 5 | - | - | - | - | - | - | - | - | - | - |
| 23 | 32 | 21 | 28 | 19 | 13 | 7 | 10 | 5 | 3 | 4 | 5 | 1 | 4 | 4 | 1 | 2 | 3 | - | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - |
| 27 | 25 | 23 | 22 | 18 | 14 | 17 | 6 | 6 | 7 | 9 | 3 | 2 | 2 | 3 | 3 | 1 | 1 | - | - | - | - | 1 | - | - | 7 | - | - | - | - | - | - | - | - |
| 24 | 29 | 1 | 13 | 15 | 16 | 13 | 8 | 7 | 7 | 3 | 2 | 2 | 1 | 5 | 4 | 2 | 1 | - | - | - | - | 2 | - | - | - | 24 | - | - | - | - | - | - | - |
| 34 | 21 | 25 | 15 | 15 | 17 | 9 | 15 | 11 | 9 | 8 | 6 | 3 | 5 | 2 | 3 | 2 | 1 | 1 | 5 | 1 | - | - | - | - | - | - | 19 | - | - | - | - | - | - |
| 27 | 22 | 27 | 22 | 13 | 15 | 15 | 15 | 8 | 5 | 10 | 5 | 2 | - | 5 | 1 | 4 | 2 | 2 | - | - | 2 | 1 | - | 1 | - | - | - | 4 | - | - | - | - | - |
| 28 | 34 | 17 | 23 | 8 | 19 | 19 | 18 | 14 | 13 | 5 | 6 | 4 | 3 | 1 | 3 | 3 | 2 | 1 | 2 | - | - | - | 1 | 1 | 2 | 1 | - | - | 4 | - | - | - | - |
| 38 | 36 | 26 | 24 | 22 | 8 | 17 | 13 | 13 | 9 | 9 | 5 | 8 | 5 | 2 | 4 | 6 | 2 | 2 | 2 | - | - | - | 1 | - | - | - | - | - | - | 4 | - | - | - |
| 38 | 38 | 27 | 27 | 21 | 7 | 12 | 9 | 14 | 8 | 10 | 8 | 6 | 8 | 4 | 5 | 1 | 1 | 2 | 1 | 3 | 1 | 3 | 1 | 2 | - | 1 | - | - | - | - | 5 | - | - |
| 49 | 40 | 31 | 28 | 22 | 23 | 8 | 15 | 17 | 22 | 12 | 7 | 6 | 3 | 7 | 8 | 4 | 2 | 2 | 1 | 3 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | 3 |
| 51 | 49 | 35 | 38 | 26 | 12 | 14 | 15 | 15 | 10 | 7 | 11 | 8 | 6 | 9 | 5 | 3 | - | 2 | 4 | 2 | - | 2 | 2 | - | - | - | - | - | - | - | - | - | 4 |
| 56 | 46 | 32 | 31 | 41 | 16 | 24 | 18 | 16 | 18 | 6 | 9 | 8 | 8 | 5 | 5 | 2 | 2 | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 3 |
| 47 | 44 | 50 | 35 | 23 | 26 | 24 | 17 | 15 | 7 | 7 | 9 | 8 | 5 | 5 | 10 | - | 6 | 1 | 3 | 5 | 2 | 2 | - | 1 | 1 | - | - | - | - | - | 1 | - | - |
| 49 | 39 | 26 | 37 | 24 | 15 | 23 | 16 | 20 | 11 | 20 | 18 | 10 | 6 | 4 | 3 | 1 | 5 | 2 | - | 2 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | - | 9 |
| 61 | 49 | 34 | 31 | 21 | 19 | 16 | 11 | 19 | 11 | 11 | 7 | 7 | 8 | 7 | 2 | 2 | 1 | - | 1 | - | 1 | - | 1 | 1 | - | 1 | - | - | - | 1 | - | - | 6 |
| 48 | 30 | 35 | 22 | 24 | 20 | 15 | 10 | 8 | 11 | 6 | 7 | 2 | 9 | 5 | 7 | 3 | 2 | 2 | 3 | - | 3 | - | 1 | 1 | - | - | 1 | - | - | - | - | - | 7 |
| 53 | 53 | 40 | 25 | 18 | 29 | 16 | 11 | 14 | 11 | 9 | 4 | 5 | 3 | 6 | 3 | 3 | 2 | 2 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| 25 | 21 | 10 | 9 | 7 | 3 | 4 | 5 | 2 | 2 | 3 | 3 | 4 | 4 | 1 | 1 | 2 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-19

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: PSYCHOLOGY, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 86 | 1 | - | - | - | - | 2 | 2 | 5 | 3 | 13 | 3 | 6 | 5 | 6 | 2 | 4 | 2 | 6 | 3 | 2 | - | 3 | 1 | 2 | 3 | 1 | 1 |
| 58 | 108 | - | - | - | - | - | 1 | 3 | 8 | 5 | 9 | 6 | 3 | 4 | 8 | 3 | 8 | 5 | 7 | 3 | 2 | 1 | 3 | 3 | 4 | 2 | 2 | 1 |
| 59 | 116 | - | - | - | - | - | - | 4 | 3 | 15 | 4 | 6 | 7 | 2 | 3 | 7 | 2 | 4 | 6 | 2 | 6 | 9 | 6 | 1 | 4 | 6 | - | 2 |
| 60 | 130 | 3 | - | - | - | - | 1 | 1 | 5 | 10 | 7 | 5 | 12 | 8 | 5 | 5 | 3 | 5 | 7 | 3 | 6 | 3 | 3 | 3 | 7 | 3 | 1 | 4 |
| 61 | 129 | - | - | - | - | - | - | 4 | 8 | 4 | 11 | 5 | 6 | 5 | 8 | 4 | 4 | 8 | 4 | 3 | 3 | 6 | 7 | 4 | 3 | 9 | 2 | 1 |
| 62 | 125 | 1 | - | - | - | - | 2 | 5 | 6 | 7 | 6 | 7 | 6 | 9 | 6 | 8 | 5 | 5 | 6 | 4 | 7 | 6 | 5 | 2 | 2 | 3 | 2 | 4 |
| 63 | 135 | - | - | - | - | - | - | 5 | 12 | 9 | 9 | 8 | 8 | 9 | 11 | 4 | 2 | 6 | 1 | 4 | 3 | 4 | 2 | 2 | 3 | 5 | 3 | 3 |
| 64 | 132 | - | - | - | - | 1 | 1 | 2 | 7 | 12 | 6 | 6 | 6 | 9 | 9 | 4 | 7 | 5 | 2 | 6 | 3 | 2 | 3 | 2 | 3 | 7 | 4 | 5 |
| 65 | 165 | - | - | - | - | 1 | - | 3 | 9 | 18 | 8 | 11 | 10 | 8 | 5 | 6 | 11 | 6 | 6 | 8 | 9 | 2 | 6 | 4 | 5 | 8 | 4 | 4 |
| 66 | 158 | - | - | - | - | - | 3 | 5 | 7 | 15 | 13 | 11 | 10 | 10 | 4 | 6 | 9 | 1 | 7 | 6 | 6 | 4 | 5 | 3 | 5 | 1 | 2 | 3 |
| 67 | 224 | - | - | - | - | - | 1 | 14 | 15 | 16 | 15 | 15 | 10 | 11 | 8 | 10 | 8 | 6 | 5 | 3 | 8 | 9 | 8 | 3 | 2 | 7 | 4 | 1 |
| 68 | 241 | - | - | - | - | 1 | 2 | 9 | 23 | 23 | 20 | 24 | 9 | 12 | 9 | 8 | 7 | 8 | 13 | 6 | 8 | 8 | 3 | 5 | 10 | 4 | 3 | 4 |
| 69 | 311 | - | - | - | - | - | 5 | 19 | 20 | 35 | 28 | 25 | 25 | 11 | 11 | 10 | 6 | 11 | 6 | 7 | 10 | 7 | 4 | 14 | 7 | 5 | 5 | 6 |
| 70 | 389 | - | - | - | - | - | 4 | 15 | 23 | 32 | 50 | 31 | 24 | 15 | 19 | 14 | 13 | 15 | 10 | 13 | 12 | 11 | 9 | 5 | 8 | 7 | 5 | 10 |
| 71 | 395 | - | - | - | - | 2 | 5 | 12 | 32 | 43 | 46 | 45 | 17 | 24 | 15 | 18 | 14 | 11 | 9 | 10 | 7 | 7 | 5 | 8 | 8 | 3 | 9 | 5 |
| 72 | 441 | - | - | - | - | 1 | 3 | 14 | 36 | 51 | 40 | 45 | 26 | 24 | 23 | 16 | 18 | 7 | 12 | 13 | 4 | 14 | 7 | 6 | 4 | 9 | 7 | 8 |
| 73 | 546 | - | - | - | - | - | 6 | 20 | 49 | 74 | 56 | 50 | 34 | 45 | 19 | 11 | 20 | 14 | 12 | 15 | 10 | 8 | 12 | 7 | 5 | 8 | 11 | 5 |
| 74 | 596 | - | - | - | - | - | 3 | 17 | 50 | 84 | 65 | 44 | 48 | 39 | 24 | 24 | 19 | 17 | 5 | 10 | 9 | 16 | 12 | 10 | 12 | 13 | 12 | 14 |
| 75 | 668 | - | - | - | - | - | 4 | 21 | 54 | 90 | 78 | 69 | 41 | 40 | 25 | 35 | 18 | 8 | 21 | 11 | 8 | 11 | 18 | 13 | 11 | 7 | 13 | 8 |
| 76 | 743 | - | - | - | - | - | 7 | 24 | 50 | 78 | 95 | 71 | 59 | 44 | 38 | 22 | 30 | 34 | 13 | 24 | 11 | 16 | 13 | 8 | 17 | 11 | 12 | 9 |
| 77 | 769 | - | - | - | - | - | 3 | 26 | 63 | 77 | 113 | 83 | 65 | 47 | 38 | 30 | 27 | 21 | 18 | 17 | 9 | 6 | 9 | 14 | 11 | 16 | 5 | 4 |
| 78 | 383 | - | - | - | - | - | - | 2 | 13 | 35 | 51 | 30 | 41 | 33 | 21 | 20 | 11 | 14 | 15 | 7 | 8 | 9 | 2 | 5 | 4 | 5 | 6 | 8 |

- Data not available.

TABLE C-19

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: PSYCHOLOGY, FEMALE

AGE AT PH.D. GRADUATION

| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | 3 | 1 | 2 | 3 | 1 | 1 | 1 | - | 2 | 2 | 1 | - | 1 | 1 | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 1 | 3 | 3 | 4 | 2 | 2 | 1 | 3 | 2 | 4 | - | 1 | - | 2 | - | 1 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 9 | 6 | 1 | 4 | 6 | - | 2 | 1 | 3 | 2 | 3 | - | 2 | 2 | - | - | - | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 8 | 3 | 3 | 3 | 7 | 3 | 1 | 4 | 3 | 2 | - | 2 | 4 | 5 | - | 1 | - | - | - | - | - | 2 | 1 | - | - | - | - | - | - | - | - | - | - |
| 3 | 6 | 7 | 4 | 3 | 9 | 2 | 1 | 1 | 4 | 3 | 1 | 5 | 1 | 3 | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 7 | 6 | 5 | 2 | 2 | 3 | 2 | 4 | 1 | 1 | 2 | 2 | 2 | - | - | 1 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 4 | 2 | 2 | 3 | 5 | 3 | 3 | 2 | 2 | 1 | 2 | 1 | 3 | - | - | 4 | 1 | - | - | - | - | - | 2 | - | - | - | 4 | - | - | - | - | - |
| 3 | 2 | 3 | 2 | 3 | 7 | 4 | 5 | 4 | 1 | 3 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | - | 1 | - | - | - | - | - | 1 | 1 | - | - | - | - | - |
| 9 | 2 | 6 | 4 | 5 | 8 | 4 | 4 | 1 | 4 | 1 | - | - | 2 | - | - | 1 | - | - | 1 | - | - | - | - | 1 | - | - | - | 2 | - | - | - | - |
| 6 | 4 | 5 | 3 | 5 | 1 | 2 | 3 | 2 | 2 | 6 | - | 2 | 2 | 2 | 1 | 1 | 1 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 8 | 9 | 8 | 3 | 2 | 7 | 4 | 1 | 7 | 6 | 4 | 2 | 4 | 4 | 8 | 1 | 2 | 2 | 2 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 3 | 8 | 3 | 5 | 10 | 4 | 3 | 4 | 3 | 3 | 1 | 1 | 4 | 2 | 1 | 2 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 7 | 4 | 14 | 7 | 5 | 5 | 6 | 5 | 4 | 6 | 6 | 1 | 1 | 3 | - | 2 | 3 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 11 | 9 | 5 | 8 | 7 | 5 | 10 | 5 | 3 | 5 | 4 | 5 | 3 | 6 | 6 | 2 | 1 | 1 | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 7 | 7 | 5 | 8 | 8 | 3 | 9 | 5 | 6 | 6 | 6 | 3 | 3 | 5 | 1 | 3 | 2 | 1 | - | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 |
| 4 | 14 | 7 | 6 | 4 | 9 | 7 | 8 | 7 | 12 | 6 | 4 | 4 | 5 | 4 | 4 | 1 | - | 1 | 1 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | - |
| 10 | 8 | 12 | 7 | 5 | 8 | 11 | 5 | 2 | 9 | 4 | 9 | 5 | 5 | 3 | 1 | 5 | 3 | 1 | 1 | 1 | 1 | - | - | 2 | - | - | - | - | 1 | - | - | - |
| 9 | 16 | 12 | 10 | 12 | 13 | 12 | 14 | 6 | 4 | 9 | 6 | 6 | 2 | 4 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - | 2 |
| 8 | 11 | 18 | 13 | 11 | 7 | 13 | 8 | 11 | 7 | 9 | 3 | 4 | 8 | 3 | 5 | 3 | 4 | 2 | 2 | - | 1 | 2 | - | - | - | - | - | - | - | - | - | 2 |
| 11 | 16 | 13 | 8 | 10 | 11 | 12 | 9 | 7 | 2 | 5 | 7 | 9 | 3 | 4 | 5 | 3 | 3 | - | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| 9 | 6 | 9 | 14 | 11 | 16 | 6 | 4 | 11 | 4 | 6 | 14 | 5 | 7 | 3 | 5 | - | - | 2 | 1 | 1 | 2 | - | 1 | 1 | - | - | - | - | - | - | - | 1 |
| 8 | 9 | 2 | 5 | 4 | 5 | 6 | 5 | 5 | 7 | 5 | 4 | 4 | 2 | 4 | 3 | 3 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-20

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: PSYCHOLOGY, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 4 | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 49 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 4 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | 6 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 54 | 4 | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 | 433 | - | - | - | - | 1 | 6 | 9 | 26 | 38 | 34 | 44 | 41 | 40 | 31 | 38 | 17 | 16 | 21 | 15 | 10 | 13 | 5 | 6 | 7 | 2 | 6 | |
| 58 | 532 | - | - | - | - | - | 6 | 11 | 28 | 26 | 52 | 49 | 37 | 49 | 40 | 40 | 40 | 20 | 28 | 16 | 20 | 15 | 10 | 10 | 11 | 6 | 5 | |
| 59 | 514 | - | - | - | - | - | 2 | 9 | 36 | 37 | 40 | 54 | 41 | 47 | 36 | 40 | 29 | 20 | 21 | 22 | 20 | 17 | 5 | 9 | 7 | 4 | 2 | |
| 60 | 484 | 1 | - | - | - | 1 | 2 | 9 | 26 | 34 | 45 | 44 | 45 | 32 | 38 | 29 | 27 | 24 | 19 | 15 | 16 | 17 | 10 | 11 | 9 | 3 | 1 | |
| 61 | 561 | - | - | - | - | - | 6 | 14 | 24 | 47 | 41 | 53 | 40 | 54 | 46 | 33 | 42 | 33 | 15 | 24 | 13 | 8 | 15 | 8 | 11 | 7 | 3 | |
| 62 | 577 | 1 | - | - | - | - | 3 | 16 | 32 | 36 | 44 | 50 | 53 | 59 | 49 | 36 | 37 | 17 | 22 | 21 | 17 | 9 | 14 | 8 | 14 | 5 | 8 | |
| 63 | 626 | - | - | - | - | 1 | 2 | 19 | 44 | 49 | 58 | 53 | 46 | 68 | 51 | 40 | 37 | 22 | 13 | 22 | 21 | 16 | 10 | 9 | 11 | 7 | 4 | |
| 64 | 605 | - | - | - | - | - | 3 | 13 | 47 | 53 | 47 | 56 | 48 | 49 | 48 | 37 | 31 | 26 | 16 | 20 | 10 | 15 | 14 | 10 | 9 | 5 | 9 | |
| 65 | 664 | 1 | - | - | - | - | 2 | 19 | 50 | 71 | 61 | 48 | 54 | 41 | 47 | 38 | 41 | 31 | 27 | 23 | 18 | 15 | 22 | 8 | 9 | 8 | 8 | |
| 66 | 733 | - | - | - | - | 2 | 1 | 25 | 62 | 80 | 74 | 64 | 62 | 44 | 53 | 35 | 35 | 34 | 22 | 27 | 18 | 17 | 16 | 11 | 9 | 12 | 4 | |
| 67 | 828 | - | - | - | - | - | 5 | 27 | 81 | 108 | 78 | 71 | 58 | 61 | 42 | 41 | 43 | 30 | 25 | 25 | 18 | 15 | 12 | 15 | 18 | 11 | 9 | |
| 68 | 963 | - | - | - | - | 1 | 3 | 25 | 105 | 117 | 109 | 104 | 85 | 69 | 53 | 38 | 54 | 28 | 24 | 19 | 13 | 14 | 16 | 10 | 12 | 10 | 12 | |
| 69 | 1E3 | 1 | 1 | - | - | - | 3 | 24 | 97 | 194 | 136 | 112 | 85 | 82 | 48 | 46 | 48 | 36 | 39 | 29 | 20 | 7 | 26 | 15 | 14 | 7 | 13 | |
| 70 | 1E3 | - | - | - | - | - | 5 | 42 | 115 | 196 | 186 | 148 | 102 | 86 | 66 | 73 | 32 | 31 | 32 | 23 | 20 | 32 | 21 | 13 | 12 | 16 | 7 | |
| 71 | 1E3 | - | - | - | - | - | 4 | 31 | 101 | 177 | 189 | 166 | 110 | 81 | 70 | 67 | 52 | 31 | 28 | 19 | 25 | 21 | 20 | 21 | 15 | 8 | 12 | |
| 72 | 1E3 | - | - | - | - | - | 4 | 38 | 137 | 178 | 169 | 163 | 134 | 106 | 87 | 63 | 58 | 38 | 35 | 21 | 30 | 18 | 27 | 19 | 11 | 10 | 11 | |
| 73 | 1E3 | - | - | - | - | - | 3 | 30 | 149 | 192 | 157 | 164 | 142 | 125 | 84 | 53 | 60 | 43 | 30 | 18 | 32 | 20 | 17 | 16 | 20 | 17 | 11 | 1 |
| 74 | 1E3 | - | - | - | - | 1 | - | 26 | 109 | 195 | 199 | 148 | 109 | 122 | 103 | 59 | 58 | 45 | 39 | 28 | 30 | 21 | 17 | 16 | 9 | 6 | 8 | |
| 75 | 1E3 | - | - | - | - | - | 2 | 27 | 120 | 180 | 188 | 188 | 142 | 127 | 90 | 84 | 54 | 49 | 28 | 34 | 24 | 20 | 23 | 12 | 9 | 15 | 10 | |
| 76 | 1E3 | - | - | - | - | 1 | 1 | 20 | 97 | 184 | 201 | 184 | 150 | 120 | 100 | 73 | 71 | 40 | 38 | 20 | 25 | 22 | 14 | 18 | 16 | 11 | 5 | 1 |
| 77 | 1E3 | - | - | - | - | - | 1 | 22 | 92 | 165 | 182 | 167 | 175 | 158 | 103 | 84 | 63 | 54 | 29 | 40 | 29 | 17 | 17 | 13 | 13 | 13 | 2 | 1 |
| 78 | 689 | - | - | - | - | - | 3 | 3 | 27 | 48 | 71 | 70 | 74 | 71 | 72 | 47 | 38 | 35 | 16 | 18 | 18 | 12 | 14 | 7 | 5 | 9 | 5 | |

- Data not available.

TABLE C-20

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: PSYCHOLOGY, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OL DE |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 13 | 5 | 6 | 7 | 2 | 6 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | - | - | - | - | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | 15 | 10 | 10 | 11 | 6 | 5 | 2 | 1 | 3 | 1 | - | 1 | 1 | - | 1 | 1 | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | 17 | 5 | 9 | 7 | 4 | 2 | 5 | 4 | 1 | 1 | 1 | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 17 | 10 | 11 | 9 | 3 | 7 | 6 | 2 | 5 | 1 | 1 | 1 | - | 1 | - | - | - | - | 1 | - | - | - | 2 | - | - | - | - | - | - | - | - | - |
| 13 | 8 | 15 | 8 | 11 | 7 | 3 | 4 | 4 | 3 | 5 | 1 | 1 | 1 | - | 2 | - | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 17 | 9 | 14 | 8 | 14 | 5 | 8 | 6 | 4 | - | 2 | 2 | 2 | 4 | - | - | 2 | 1 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 21 | 16 | 10 | 9 | 11 | 7 | 4 | 7 | 1 | 2 | 1 | 3 | - | 2 | 2 | 2 | - | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 15 | 14 | 10 | 9 | 5 | 2 | 6 | 3 | - | 4 | 1 | 4 | 2 | 4 | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - | 11 | - | - | - | - | - |
| 18 | 15 | 22 | 8 | 9 | 8 | 8 | 4 | 4 | 2 | 3 | 1 | - | - | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - |
| 18 | 17 | 16 | 11 | 9 | 12 | 4 | 7 | 3 | 1 | 2 | 2 | 3 | 1 | - | 1 | - | 3 | - | - | - | 1 | - | 1 | - | - | - | - | - | 1 | - | - | - |
| 18 | 15 | 12 | 15 | 18 | 11 | 9 | 8 | 9 | 3 | 2 | 6 | - | 1 | 1 | 1 | - | - | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | 1 | - | - |
| 13 | 14 | 16 | 10 | 12 | 10 | 12 | 7 | 12 | 6 | 3 | 2 | 2 | 1 | 2 | - | 1 | - | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 20 | 7 | 26 | 15 | 14 | 7 | 13 | 6 | 5 | 6 | 3 | 8 | 4 | 4 | 2 | - | 2 | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| 20 | 32 | 21 | 13 | 12 | 16 | 7 | 7 | 4 | 8 | 2 | 3 | 6 | 3 | - | 3 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | 21 | 28 | 21 | 15 | 8 | 12 | 9 | 6 | 6 | 7 | 1 | 1 | - | 5 | - | 1 | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 30 | 18 | 27 | 19 | 11 | 10 | 11 | 7 | 11 | 6 | 4 | 6 | 3 | 1 | 2 | 1 | 2 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 20 | 17 | 16 | 20 | 17 | 11 | 11 | 2 | 8 | 6 | 6 | 3 | 3 | 2 | 2 | 3 | 5 | 1 | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - |
| 30 | 21 | 17 | 16 | 9 | 6 | 8 | 7 | 5 | 7 | 5 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 20 | 23 | 12 | 9 | 15 | 10 | 9 | 13 | 6 | 2 | 6 | 4 | 5 | 1 | 2 | 2 | 3 | 2 | - | 1 | - | - | 1 | 1 | - | - | 1 | - | - | - | - | - |
| 25 | 22 | 14 | 18 | 16 | 11 | 5 | 12 | 8 | 3 | 5 | 6 | 2 | 2 | 2 | 4 | 3 | 2 | 1 | 1 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - |
| 29 | 17 | 17 | 13 | 13 | 13 | 2 | 10 | 10 | 7 | 5 | 6 | 2 | 3 | 3 | 3 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 | 12 | 14 | 7 | 5 | 9 | 5 | 2 | 3 | 2 | 4 | 1 | 1 | 5 | 1 | 3 | 1 | - | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C-21

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: NOT S/E, FEMALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 49 | 230 | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | 268 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | 317 | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 52 | 314 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 53 | 339 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 54 | 323 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | 378 | - | - | - | - | - | - | - | 1 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 326 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| 57 | 155 | 1 | - | - | - | 1 | 4 | 4 | 15 | 11 | 10 | 10 | 8 | 5 | 3 | 8 | 8 | 7 | 9 | 4 | 5 | 3 | 3 | 6 | 1 | 6 | 2 | 4 |
| 58 | 183 | 2 | - | - | - | - | 2 | 5 | 9 | 8 | 15 | 7 | 16 | 11 | 3 | 10 | 4 | 6 | 16 | 4 | 6 | 4 | 8 | 5 | 3 | 6 | 4 | 5 |
| 59 | 164 | - | - | - | - | - | 3 | 3 | 8 | 14 | 16 | 4 | 5 | 13 | 5 | 10 | 6 | 3 | 5 | 7 | 10 | 3 | 5 | 7 | 2 | 1 | 4 | 6 |
| 60 | 176 | 2 | - | - | - | 2 | 1 | 6 | 8 | 10 | 16 | 11 | 8 | 10 | 7 | 1 | 10 | 4 | 11 | 3 | 4 | 7 | 8 | 7 | 3 | 2 | 3 | 6 |
| 61 | 220 | 1 | - | - | - | 2 | 6 | 6 | 18 | 14 | 10 | 12 | 5 | 14 | 11 | 10 | 8 | 12 | 8 | 8 | 5 | 5 | 7 | 6 | 4 | 4 | 7 | 7 |
| 62 | 239 | - | - | - | 1 | 1 | 4 | 10 | 13 | 20 | 13 | 14 | 13 | 11 | 10 | 11 | 10 | 14 | 9 | 7 | 12 | 8 | 3 | 7 | 3 | 2 | 6 | 6 |
| 63 | 313 | - | - | - | - | 1 | 4 | 12 | 32 | 28 | 19 | 12 | 25 | 17 | 11 | 7 | 11 | 12 | 10 | 7 | 12 | 6 | 10 | 10 | 12 | 1 | 3 | 5 |
| 64 | 355 | 1 | - | - | - | 1 | - | 14 | 28 | 33 | 26 | 18 | 16 | 12 | 15 | 7 | 22 | 15 | 12 | 15 | 10 | 10 | 8 | 9 | 10 | 6 | 6 | 7 |
| 65 | 371 | - | - | - | - | 3 | 3 | 17 | 53 | 34 | 38 | 18 | 14 | 13 | 14 | 11 | 9 | 13 | 10 | 8 | 11 | 6 | 9 | 7 | 7 | 6 | 4 | 8 |
| 66 | 548 | - | - | - | - | 1 | 9 | 24 | 48 | 65 | 51 | 31 | 34 | 19 | 18 | 14 | 14 | 14 | 14 | 17 | 10 | 12 | 15 | 14 | 8 | 15 | 10 | 11 |
| 67 | 633 | 1 | - | - | - | - | 6 | 35 | 63 | 75 | 62 | 40 | 29 | 20 | 19 | 22 | 21 | 22 | 15 | 15 | 14 | 18 | 9 | 9 | 9 | 10 | 21 | 10 |
| 68 | 725 | 1 | - | - | 1 | - | 10 | 31 | 73 | 90 | 65 | 43 | 33 | 34 | 27 | 17 | 18 | 22 | 11 | 15 | 26 | 12 | 8 | 24 | 20 | 18 | 13 | 11 |
| 69 | 835 | - | - | - | - | 2 | 12 | 33 | 87 | 100 | 89 | 73 | 43 | 38 | 26 | 37 | 20 | 20 | 27 | 23 | 23 | 19 | 19 | 23 | 17 | 9 | 9 | 24 |
| 70 | 1E3 | - | - | - | - | 2 | 14 | 33 | 113 | 127 | 115 | 65 | 69 | 42 | 43 | 34 | 23 | 23 | 13 | 14 | 23 | 24 | 29 | 18 | 23 | 20 | 24 | 12 |
| 71 | 1E3 | - | - | - | - | 2 | 8 | 30 | 111 | 130 | 131 | 119 | 89 | 52 | 46 | 35 | 24 | 34 | 26 | 26 | 22 | 21 | 14 | 16 | 32 | 20 | 19 | 12 |
| 72 | 1E3 | - | - | - | - | 1 | 13 | 54 | 138 | 158 | 137 | 135 | 83 | 59 | 57 | 58 | 34 | 34 | 37 | 22 | 18 | 18 | 26 | 31 | 18 | 18 | 20 | 27 |
| 73 | 1E3 | - | - | - | - | 1 | 8 | 46 | 133 | 174 | 158 | 134 | 113 | 82 | 66 | 51 | 47 | 36 | 37 | 35 | 27 | 20 | 20 | 22 | 26 | 22 | 20 | 22 |
| 74 | 2E3 | - | - | - | - | - | 13 | 28 | 134 | 216 | 167 | 114 | 103 | 112 | 75 | 62 | 43 | 45 | 25 | 29 | 27 | 20 | 14 | 27 | 18 | 30 | 14 | 15 |
| 75 | 2F3 | - | - | - | 1 | 1 | 4 | 39 | 119 | 208 | 183 | 153 | 117 | 96 | 102 | 93 | 48 | 59 | 51 | 38 | 34 | 21 | 23 | 22 | 20 | 16 | 13 | 20 |
| 76 | 2G3 | - | - | - | 1 | - | 6 | 41 | 139 | 201 | 220 | 149 | 131 | 76 | 94 | 96 | 52 | 57 | 41 | 43 | 29 | 27 | 27 | 31 | 26 | 25 | 24 | 26 |
| 77 | 2E3 | - | - | - | - | 2 | 6 | 43 | 106 | 188 | 182 | 167 | 175 | 147 | 91 | 78 | 79 | 83 | 39 | 46 | 38 | 40 | 27 | 26 | 21 | 19 | 18 | 18 |
| 78 | 1E3 | - | - | - | - | 1 | 4 | 8 | 55 | 103 | 77 | 109 | 90 | 87 | 63 | 51 | 45 | 34 | 38 | 44 | 20 | 16 | 18 | 27 | 20 | 16 | 11 | 5 |

- Data not available.

TABLE C-21

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: NOT S/E, FEMALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | 267 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | 314 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 312 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 337 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 323 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 375 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 322 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 3 | 3 | 6 | 1 | 6 | 2 | 4 | 1 | 4 | - | 4 | 1 | 1 | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 4 | 8 | 5 | 3 | 6 | 4 | 5 | 2 | 2 | 3 | 3 | - | - | 2 | 2 | - | 4 | 1 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 3 | 5 | 7 | 2 | 1 | 4 | 6 | - | 3 | 2 | 1 | 3 | 4 | 3 | - | 1 | - | 1 | 2 | - | 4 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 7 | 8 | 7 | 3 | 2 | 3 | 6 | 6 | 3 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 3 | - | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - | - |
| 5 | 5 | 7 | 6 | 4 | 4 | 7 | 7 | 4 | 4 | 1 | 1 | 2 | 4 | 1 | 2 | 3 | - | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - |
| 12 | 8 | 3 | 7 | 3 | 2 | 6 | 6 | 3 | 5 | - | 2 | 5 | 2 | - | - | - | 2 | 2 | 2 | - | - | 2 | - | 8 | - | - | - | - | - | - | - | - |
| 12 | 6 | 10 | 10 | 12 | 1 | 3 | 5 | 4 | 5 | 1 | 5 | 1 | 6 | 1 | 2 | 3 | - | - | 1 | 1 | 1 | - | - | - | 14 | - | - | - | - | - | - | - |
| 10 | 10 | 8 | 9 | 10 | 6 | 6 | 7 | 7 | 4 | 5 | 8 | 5 | - | - | 1 | 1 | 1 | 2 | 1 | 2 | 2 | - | - | - | - | 15 | - | - | - | - | - | - |
| 11 | 6 | 9 | 7 | 7 | 6 | 4 | 8 | 5 | - | 5 | 6 | 2 | 5 | 3 | 3 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | 19 | - | - | - | - | - |
| 10 | 12 | 15 | 14 | 8 | 15 | 10 | 11 | 11 | 4 | 4 | 3 | 3 | 8 | 4 | 4 | 4 | 3 | 2 | 3 | 3 | - | 4 | - | 2 | - | 1 | - | 17 | - | - | - | - |
| 14 | 18 | 9 | 9 | 10 | 21 | 10 | 14 | 14 | 6 | 7 | 5 | 9 | 5 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 26 | 12 | 8 | 24 | 20 | 18 | 13 | 11 | 5 | 13 | 4 | 8 | 4 | 4 | 8 | 6 | 7 | 5 | 3 | 1 | 3 | - | 1 | 1 | 2 | 1 | 2 | - | - | 16 | - | - | - |
| 23 | 19 | 19 | 23 | 17 | 9 | 9 | 24 | 6 | 9 | 10 | 3 | 8 | 3 | 5 | 1 | 3 | 4 | 1 | - | 2 | 1 | - | - | - | - | - | - | - | - | 24 | - | - |
| 23 | 24 | 29 | 18 | 23 | 20 | 24 | 12 | 16 | 12 | 14 | 13 | 12 | 6 | 6 | 4 | 3 | 5 | 3 | 3 | 2 | 2 | - | 1 | - | - | - | - | - | - | 1 | 5 | - |
| 22 | 21 | 14 | 16 | 32 | 20 | 19 | 12 | 12 | 15 | 17 | 11 | 10 | 11 | 8 | 7 | 9 | 6 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | - | - | - | 1 | - | - | 12 |
| 18 | 18 | 26 | 31 | 18 | 18 | 20 | 27 | 17 | 18 | 14 | 17 | 14 | 9 | 4 | 3 | 7 | 4 | 5 | 4 | 3 | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | 1 | 15 |
| 27 | 20 | 20 | 22 | 26 | 22 | 20 | 22 | 12 | 15 | 18 | 18 | 18 | 6 | 19 | 13 | 8 | 3 | 5 | 3 | 2 | 3 | 1 | - | 2 | 1 | - | 1 | - | - | - | - | 21 |
| 27 | 20 | 14 | 27 | 18 | 30 | 14 | 15 | 17 | 11 | 13 | 8 | 14 | 9 | 12 | 10 | 8 | 7 | 1 | 1 | 5 | 2 | 2 | 1 | - | - | 1 | - | - | - | - | - | 19 |
| 34 | 21 | 23 | 22 | 20 | 16 | 13 | 20 | 24 | 18 | 14 | 17 | 14 | 11 | 15 | 10 | 9 | 6 | 6 | 5 | 6 | 7 | 1 | 1 | - | - | 1 | - | - | - | - | - | 108 |
| 29 | 27 | 27 | 31 | 26 | 25 | 24 | 26 | 22 | 16 | 20 | 22 | 12 | 19 | 17 | 10 | 6 | 2 | 5 | 3 | 2 | 3 | 1 | 3 | 1 | 1 | - | - | 1 | - | - | 1 | 31 |
| 38 | 40 | 27 | 26 | 21 | 19 | 18 | 18 | 17 | 21 | 17 | 9 | 13 | 13 | 13 | 10 | 5 | 6 | 3 | 4 | 3 | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - | 26 |
| 20 | 16 | 18 | 27 | 20 | 16 | 11 | 5 | 10 | 11 | 15 | 12 | 4 | 13 | 11 | 5 | 6 | 4 | 3 | - | 1 | 2 | 2 | 1 | - | - | 1 | - | - | 2 | - | - | 124 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 36 |

TABLE C-22

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: NOT S/E, MALE

| Year (19--) | Total | AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 48 | 2E3 | - | - | - | - | - | - | - | - | 1 | 3 | - | 1 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 49 | 3E3 | - | - | - | - | - | - | - | 1 | 2 | 2 | 3 | 3 | - | 1 | - | 1 | 1 | - | - | - | - | 1 | 1 | - | - | - | - |
| 50 | 4E3 | 1 | - | - | - | - | - | 2 | 1 | 3 | 2 | 1 | 5 | 3 | 1 | - | 1 | 2 | - | - | - | - | - | - | - | - | - | - |
| 51 | 4E3 | 1 | - | - | - | 1 | 1 | 1 | - | 1 | 4 | 1 | 2 | - | 4 | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - |
| 52 | 5E3 | - | - | - | - | - | - | 2 | 4 | - | - | 1 | - | 2 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 53 | 5E3 | - | - | - | - | - | - | 2 | - | - | 2 | - | 1 | 1 | - | 2 | - | 1 | - | - | 1 | - | - | - | - | - | - | - |
| 54 | 5E3 | - | - | - | - | 1 | - | 4 | 5 | 2 | 2 | 3 | 3 | 2 | - | 1 | - | 1 | - | - | 1 | - | - | - | - | 1 | - | - |
| 55 | 5E3 | - | - | - | - | - | - | 4 | 3 | 1 | 5 | 4 | 2 | 1 | 1 | - | 1 | - | - | 1 | 1 | - | - | - | - | - | - | - |
| 56 | 5E3 | - | - | - | - | 1 | - | - | - | 6 | 6 | 4 | 3 | 2 | 2 | 2 | 1 | - | 2 | - | 2 | - | - | 1 | - | - | - | - |
| 57 | 2E3 | 7 | - | - | 2 | 1 | 21 | 113 | 204 | 182 | 141 | 165 | 133 | 92 | 85 | 77 | 73 | 51 | 42 | 38 | 27 | 38 | 20 | 16 | 15 | 14 | 12 | 8 |
| 58 | 2E3 | 6 | - | - | 1 | 3 | 25 | 89 | 188 | 176 | 178 | 146 | 141 | 132 | 101 | 95 | 85 | 54 | 57 | 57 | 43 | 45 | 31 | 22 | 26 | 20 | 24 | 12 |
| 59 | 2E3 | 2 | - | 1 | 1 | 5 | 26 | 97 | 189 | 202 | 156 | 181 | 142 | 139 | 109 | 98 | 69 | 65 | 47 | 48 | 48 | 36 | 23 | 32 | 22 | 24 | 23 | 13 |
| 60 | 2E3 | 5 | - | - | 1 | 5 | 24 | 114 | 227 | 242 | 192 | 166 | 175 | 134 | 136 | 98 | 90 | 67 | 68 | 61 | 47 | 41 | 39 | 30 | 22 | 20 | 23 | 13 |
| 61 | 2E3 | 1 | - | 1 | - | 6 | 22 | 111 | 223 | 258 | 184 | 212 | 174 | 166 | 141 | 115 | 77 | 83 | 87 | 61 | 48 | 41 | 43 | 31 | 26 | 23 | 21 | 14 |
| 62 | 3E3 | 1 | - | 1 | - | - | 36 | 136 | 299 | 312 | 218 | 198 | 194 | 196 | 151 | 138 | 110 | 93 | 69 | 74 | 55 | 46 | 40 | 36 | 27 | 23 | 17 | 13 |
| 63 | 3E3 | 1 | - | - | - | 8 | 28 | 137 | 348 | 405 | 292 | 225 | 198 | 203 | 166 | 143 | 110 | 96 | 75 | 72 | 55 | 63 | 35 | 39 | 34 | 24 | 26 | 23 |
| 64 | 3E3 | 1 | - | - | 1 | 5 | 30 | 157 | 419 | 462 | 357 | 264 | 219 | 198 | 200 | 160 | 144 | 107 | 101 | 76 | 65 | 53 | 50 | 39 | 28 | 36 | 29 | 20 |
| 65 | 4E3 | - | - | 1 | - | 4 | 38 | 166 | 425 | 537 | 407 | 345 | 222 | 214 | 171 | 148 | 142 | 135 | 120 | 91 | 72 | 72 | 64 | 63 | 45 | 38 | 33 | 22 |
| 66 | 4E3 | 1 | - | - | - | 11 | 57 | 236 | 541 | 607 | 524 | 364 | 265 | 207 | 225 | 157 | 164 | 124 | 133 | 112 | 81 | 81 | 74 | 61 | 56 | 33 | 38 | 34 |
| 67 | 5E3 | 2 | - | 1 | - | 5 | 55 | 239 | 629 | 713 | 525 | 415 | 299 | 285 | 206 | 168 | 152 | 151 | 124 | 123 | 95 | 74 | 82 | 58 | 49 | 71 | 37 | 39 |
| 68 | 6E3 | - | - | - | - | 6 | 35 | 236 | 770 | 878 | 634 | 459 | 382 | 309 | 236 | 202 | 184 | 139 | 131 | 122 | 111 | 103 | 84 | 74 | 72 | 59 | 44 | 40 |
| 69 | 6E3 | 1 | 2 | - | 5 | 11 | 41 | 230 | 816 | 1E3 | 740 | 546 | 386 | 385 | 288 | 257 | 171 | 151 | 133 | 126 | 104 | 87 | 90 | 93 | 78 | 65 | 64 | 51 |
| 70 | 7E3 | 1 | - | - | - | 8 | 48 | 218 | 806 | 1E3 | 1E3 | 617 | 482 | 365 | 324 | 270 | 217 | 186 | 145 | 123 | 123 | 104 | 92 | 85 | 72 | 81 | 66 | 50 |
| 71 | 8E3 | 1 | - | - | - | 3 | 38 | 190 | 704 | 1E3 | 1E3 | 803 | 607 | 445 | 338 | 286 | 225 | 204 | 159 | 161 | 125 | 118 | 116 | 100 | 94 | 73 | 48 | 51 |
| 72 | 7E3 | - | - | - | 3 | 9 | 36 | 231 | 621 | 912 | 952 | 831 | 682 | 505 | 393 | 338 | 226 | 202 | 199 | 152 | 122 | 126 | 83 | 92 | 72 | 69 | 69 | 56 |
| 73 | 7E3 | - | - | 1 | 1 | 4 | 29 | 178 | 652 | 767 | 703 | 664 | 627 | 550 | 410 | 286 | 277 | 216 | 176 | 155 | 143 | 106 | 84 | 97 | 64 | 68 | 50 | 51 |
| 74 | 7E3 | - | - | - | 2 | 10 | 20 | 155 | 558 | 892 | 830 | 588 | 554 | 508 | 482 | 339 | 253 | 170 | 169 | 164 | 125 | 100 | 103 | 87 | 57 | 53 | 55 | 37 |
| 75 | 7E3 | 1 | 2 | 1 | - | 3 | 23 | 139 | 524 | 823 | 977 | 768 | 547 | 436 | 410 | 329 | 241 | 195 | 156 | 146 | 127 | 115 | 92 | 93 | 76 | 65 | 52 | 43 |
| 76 | 7E3 | - | - | 1 | - | 8 | 25 | 144 | 501 | 793 | 778 | 749 | 639 | 446 | 387 | 316 | 274 | 227 | 163 | 130 | 127 | 86 | 103 | 85 | 57 | 65 | 55 | 44 |
| 77 | 7E3 | - | - | 1 | 2 | 3 | 21 | 116 | 453 | 719 | 755 | 640 | 634 | 547 | 335 | 336 | 246 | 251 | 196 | 123 | 125 | 96 | 88 | 94 | 56 | 50 | 63 | 37 |
| 78 | 3E3 | - | - | 1 | 3 | 3 | 9 | 44 | 170 | 368 | 380 | 361 | 300 | 314 | 214 | 179 | 141 | 136 | 114 | 93 | 67 | 52 | 39 | 45 | 22 | 35 | 20 | 24 |

- Data not available.

TABLE C-22

AGE DISTRIBUTION OF MASTER'S-HOLDERS AT PH.D. GRADUATION: NOT S/E, MALE

| AGE AT PH.D. GRADUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 OR OLDER |
| - | - | - | - | - | - | - | - | - | - | - | - | 4E3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | 4E3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 5E3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | 5E3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 5E3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5E3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5E3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | 38 | 20 | 16 | 15 | 14 | 12 | 8 | 8 | 6 | 3 | 1 | 3 | - | 1 | 1 | 1 | 2 | 2 | 26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 43 | 45 | 31 | 22 | 26 | 20 | 24 | 12 | 21 | 15 | 13 | 7 | 5 | 4 | 4 | 3 | 2 | 1 | 2 | - | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 48 | 36 | 23 | 32 | 22 | 24 | 23 | 13 | 13 | 16 | 7 | 7 | 12 | 4 | 7 | 3 | 1 | 2 | 2 | 2 | 1 | 29 | - | - | - | - | - | - | - | - | - | - | - | - |
| 47 | 41 | 39 | 30 | 22 | 20 | 23 | 13 | 16 | 11 | 13 | 5 | 2 | 6 | 4 | 5 | 3 | 2 | 2 | 2 | 1 | 1 | 29 | - | - | - | - | - | - | - | - | - | - | - |
| 48 | 41 | 43 | 31 | 26 | 23 | 21 | 14 | 24 | 10 | 9 | 6 | 9 | 8 | 3 | 4 | 1 | 5 | 1 | - | - | - | - | 81 | - | - | - | - | - | - | - | - | - | - |
| 55 | 46 | 40 | 36 | 27 | 23 | 17 | 13 | 18 | 17 | 13 | 8 | 8 | 5 | 5 | 6 | 7 | 5 | 3 | - | - | 1 | 2 | - | 78 | - | - | - | - | - | - | - | - | - |
| 55 | 63 | 35 | 39 | 34 | 24 | 26 | 23 | 15 | 9 | 15 | 14 | 10 | 5 | 6 | 10 | 6 | 2 | 3 | 8 | 2 | - | - | - | 1 | 127 | - | - | - | - | - | - | - | - |
| 65 | 53 | 50 | 39 | 28 | 36 | 29 | 20 | 13 | 15 | 12 | 15 | 5 | 9 | 6 | 6 | 5 | 5 | 1 | 2 | - | 1 | 2 | - | 1 | - | 131 | - | - | - | - | - | - | - |
| 72 | 72 | 64 | 63 | 45 | 38 | 33 | 22 | 21 | 21 | 16 | 19 | 14 | 10 | 11 | 7 | 3 | 8 | 5 | 6 | 2 | 1 | 2 | - | - | - | - | 149 | - | - | - | - | - | - |
| 81 | 81 | 74 | 61 | 56 | 33 | 38 | 34 | 17 | 17 | 21 | 16 | 9 | 11 | 10 | 13 | 4 | 3 | 4 | 2 | 2 | - | 1 | - | 1 | - | - | - | 175 | - | - | - | - | - |
| 95 | 74 | 82 | 58 | 49 | 71 | 37 | 39 | 32 | 23 | 20 | 13 | 16 | 15 | 5 | 8 | 4 | 3 | 6 | 5 | 3 | 1 | 1 | 1 | 1 | 1 | - | - | 1 | 135 | - | - | - | - |
| 111 | 103 | 84 | 74 | 72 | 59 | 44 | 40 | 30 | 28 | 24 | 13 | 13 | 8 | 9 | 11 | 11 | 5 | 4 | 4 | 3 | 3 | 1 | - | - | - | - | - | - | - | 183 | - | - | - |
| 104 | 87 | 90 | 93 | 78 | 65 | 64 | 51 | 19 | 25 | 24 | 16 | 14 | 20 | 5 | 13 | 7 | 14 | 4 | 3 | 2 | 6 | 1 | 2 | 1 | - | - | - | - | 1 | - | - | 112 | - |
| 123 | 104 | 92 | 85 | 72 | 81 | 66 | 50 | 55 | 32 | 29 | 27 | 22 | 17 | 21 | 13 | 8 | 5 | 8 | 8 | 5 | 4 | 3 | - | 2 | - | - | - | - | - | 1 | - | - | 69 |
| 125 | 118 | 116 | 100 | 94 | 73 | 48 | 51 | 59 | 30 | 30 | 28 | 18 | 19 | 10 | 12 | 7 | 6 | 9 | 3 | 6 | 2 | 3 | 1 | 2 | - | - | - | - | - | 1 | - | - | 92 |
| 122 | 126 | 83 | 92 | 72 | 69 | 65 | 56 | 50 | 31 | 29 | 29 | 25 | 23 | 12 | 14 | 11 | 11 | 6 | 7 | 4 | 5 | 5 | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | - | 108 |
| 143 | 106 | 84 | 97 | 64 | 68 | 50 | 51 | 40 | 39 | 36 | 24 | 26 | 27 | 17 | 19 | 9 | 9 | 6 | 6 | 4 | 6 | 2 | 7 | 1 | 1 | - | - | - | - | - | - | - | 134 |
| 125 | 100 | 103 | 87 | 57 | 53 | 55 | 37 | 39 | 33 | 34 | 28 | 20 | 19 | 17 | 10 | 14 | 7 | 9 | 4 | 4 | 4 | 3 | 2 | - | 2 | 1 | - | - | - | - | 2 | 1 | 509 |
| 127 | 115 | 92 | 93 | 76 | 65 | 52 | 43 | 49 | 53 | 40 | 38 | 23 | 19 | 23 | 11 | 15 | 13 | 8 | 5 | 7 | 5 | 3 | - | 2 | 1 | 3 | - | - | 1 | 1 | - | - | 181 |
| 127 | 86 | 103 | 85 | 57 | 65 | 55 | 44 | 58 | 27 | 30 | 24 | 24 | 18 | 17 | 12 | 13 | 10 | 12 | 6 | 6 | 4 | 4 | 5 | 1 | 1 | 2 | 2 | 1 | - | - | - | - | 178 |
| 125 | 96 | 88 | 94 | 56 | 50 | 65 | 37 | 40 | 49 | 31 | 17 | 16 | 21 | 18 | 16 | 7 | 12 | 11 | 7 | 2 | 3 | 3 | 5 | 3 | 1 | 1 | 1 | 1 | 1 | - | - | - | 337 |
| 67 | 52 | 39 | 45 | 22 | 35 | 20 | 24 | 16 | 23 | 26 | 11 | 8 | 15 | 11 | 7 | 8 | 9 | 7 | 4 | 4 | 5 | 2 | 3 | - | - | - | 1 | - | - | - | - | - | 102 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

# appendix d

DETAILED STATISTICAL TABLES

MORTALITY RATES


| | | Page |
|---|---|---|
| TABLE D-1 | NATIONAL CENTER FOR HEALTH STATISTICS..... | 86 |
| TABLE D-2 | MODIFIED RATES FOR COLLEGE EDUCATED WHITES.. | 87 |

TABLE D-1. - NATIONAL CENTER FOR HEALTH STATISTICS: MORTALITY RATES FOR WHITES

| | FEMALES | | | | | MALES | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| AGE | 1930 -1939 | 1940 -1949 | 1950 -1959 | 1960 -1969 | 1970 -1977 | 1930 -1939 | 1940 -1949 | 1950 -1959 | 1960 -1969 | 1970 -1977 |
| 19 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 |
| 20 | .02 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 21 | .02 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 22 | .02 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 23 | .03 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 24 | .03 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 25 | .03 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 26 | .03 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 27 | .03 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 28 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 29 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 30 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 31 | .03 | .02 | .01 | .01 | .01 | .04 | .02 | .02 | .02 | .02 |
| 32 | .03 | .02 | .01 | .01 | .01 | .04 | .03 | .02 | .02 | .02 |
| 33 | .03 | .02 | .01 | .01 | .01 | .04 | .03 | .02 | .02 | .02 |
| 34 | .03 | .02 | .01 | .01 | .01 | .04 | .03 | .02 | .02 | .02 |
| 35 | .04 | .02 | .01 | .01 | .01 | .04 | .03 | .02 | .02 | .02 |
| 36 | .04 | .02 | .02 | .01 | .01 | .05 | .03 | .02 | .02 | .02 |
| 37 | .04 | .02 | .02 | .01 | .01 | .05 | .04 | .03 | .03 | .03 |
| 38 | .04 | .03 | .02 | .02 | .02 | .05 | .04 | .03 | .03 | .03 |
| 39 | .04 | .03 | .02 | .02 | .02 | .06 | .04 | .03 | .03 | .03 |
| 40 | .04 | .03 | .02 | .02 | .02 | .06 | .05 | .04 | .03 | .03 |
| 41 | .05 | .03 | .02 | .02 | .02 | .06 | .05 | .04 | .04 | .04 |
| 42 | .05 | .04 | .03 | .02 | .02 | .07 | .05 | .04 | .04 | .04 |
| 43 | .05 | .04 | .03 | .03 | .03 | .07 | .06 | .05 | .05 | .05 |
| 44 | .06 | .04 | .03 | .03 | .03 | .08 | .06 | .05 | .05 | .05 |
| 45 | .06 | .04 | .03 | .03 | .03 | .08 | .07 | .06 | .06 | .06 |
| 46 | .07 | .05 | .04 | .03 | .03 | .09 | .08 | .07 | .06 | .06 |
| 47 | .07 | .05 | .04 | .04 | .04 | .10 | .08 | .07 | .07 | .07 |
| 48 | .07 | .06 | .04 | .04 | .04 | .11 | .09 | .08 | .08 | .07 |
| 49 | .08 | .06 | .05 | .04 | .04 | .11 | .10 | .09 | .08 | .08 |
| 50 | .09 | .07 | .05 | .05 | .05 | .12 | .11 | .10 | .09 | .09 |
| 51 | .09 | .07 | .06 | .05 | .05 | .13 | .12 | .11 | .10 | .10 |
| 52 | .10 | .08 | .06 | .06 | .06 | .14 | .13 | .12 | .11 | .11 |
| 53 | .11 | .08 | .07 | .06 | .06 | .15 | .14 | .13 | .12 | .12 |
| 54 | .12 | .09 | .07 | .06 | .06 | .16 | .15 | .14 | .13 | .13 |
| 55 | .13 | .10 | .08 | .07 | .07 | .18 | .17 | .15 | .15 | .15 |
| 56 | .14 | .11 | .08 | .07 | .08 | .19 | .18 | .17 | .16 | .16 |
| 57 | .15 | .12 | .09 | .08 | .08 | .21 | .20 | .18 | .17 | .17 |
| 58 | .16 | .13 | .10 | .09 | .09 | .22 | .21 | .20 | .19 | .19 |
| 59 | .18 | .14 | .11 | .10 | .10 | .24 | .23 | .21 | .21 | .21 |
| 60 | .19 | .15 | .12 | .11 | .10 | .26 | .25 | .23 | .23 | .23 |
| 61 | .20 | .17 | .13 | .12 | .11 | .28 | .27 | .25 | .25 | .25 |
| 62 | .22 | .18 | .15 | .13 | .12 | .30 | .29 | .27 | .27 | .27 |
| 63 | .24 | .20 | .16 | .14 | .13 | .32 | .31 | .29 | .29 | .29 |
| 64 | .26 | .22 | .17 | .15 | .14 | .35 | .33 | .32 | .31 | .31 |
| 65 | .29 | .24 | .19 | .17 | .16 | .38 | .36 | .34 | .34 | .34 |
| 66 | .32 | .26 | .21 | .18 | .17 | .41 | .38 | .37 | .37 | .37 |
| 67 | .35 | .28 | .23 | .20 | .19 | .44 | .41 | .40 | .40 | .40 |
| 68 | .38 | .31 | .25 | .22 | .21 | .48 | .45 | .43 | .43 | .43 |
| 69 | .41 | .35 | .28 | .24 | .23 | .52 | .48 | .46 | .46 | .46 |
| 70 | .45 | .38 | .31 | .27 | .25 | .56 | .52 | .49 | .49 | .49 |

TABLE D-2. - NATIONAL MORTALITY RATES FOR COLLEGE EDUCATED WHITES

| | FEMALES | | | | | MALES | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| AGE | 1930 -1939 | 1940 -1949 | 1950 -1959 | 1960 -1969 | 1970 -1977 | 1930 -1939 | 1940 -1949 | 1950 -1959 | 1960 -1969 | 1970 -1977 |
| 19 | .02 | .01 | .00 | .00 | .00 | .02 | .01 | .01 | .01 | .01 |
| 20 | .02 | .01 | .01 | .00 | .00 | .02 | .01 | .01 | .01 | .01 |
| 21 | .02 | .01 | .01 | .00 | .01 | .02 | .01 | .01 | .01 | .01 |
| 22 | .02 | .01 | .01 | .00 | .01 | .02 | .01 | .01 | .01 | .01 |
| 23 | .02 | .01 | .01 | .00 | .01 | .02 | .01 | .01 | .01 | .01 |
| 24 | .02 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .01 |
| 25 | .02 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .01 |
| 26 | .02 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .01 |
| 27 | .02 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .01 |
| 28 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .01 | .01 |
| 29 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .01 | .01 |
| 30 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .01 | .01 |
| 31 | .02 | .01 | .01 | .01 | .01 | .03 | .02 | .01 | .01 | .01 |
| 32 | .02 | .01 | .01 | .01 | .01 | .03 | .02 | .01 | .01 | .01 |
| 33 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .01 | .01 | .01 |
| 34 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .01 | .01 | .01 |
| 35 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .02 | .01 | .02 |
| 36 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 37 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 |
| 38 | .03 | .02 | .01 | .01 | .01 | .04 | .03 | .02 | .02 | .02 |
| 39 | .03 | .02 | .02 | .01 | .01 | .04 | .03 | .02 | .02 | .02 |
| 40 | .04 | .02 | .02 | .01 | .02 | .04 | .03 | .03 | .02 | .02 |
| 41 | .04 | .03 | .02 | .02 | .02 | .04 | .03 | .03 | .03 | .03 |
| 42 | .04 | .03 | .02 | .02 | .02 | .05 | .04 | .03 | .03 | .03 |
| 43 | .04 | .03 | .02 | .02 | .02 | .05 | .04 | .03 | .03 | .03 |
| 44 | .04 | .03 | .02 | .02 | .02 | .06 | .04 | .04 | .04 | .04 |
| 45 | .05 | .03 | .03 | .02 | .02 | .06 | .05 | .04 | .04 | .04 |
| 46 | .05 | .04 | .03 | .03 | .03 | .06 | .05 | .05 | .04 | .04 |
| 47 | .05 | .04 | .03 | .03 | .03 | .07 | .06 | .05 | .05 | .05 |
| 48 | .06 | .04 | .03 | .03 | .03 | .07 | .06 | .06 | .05 | .05 |
| 49 | .06 | .05 | .04 | .03 | .03 | .08 | .07 | .06 | .06 | .06 |
| 50 | .07 | .05 | .04 | .04 | .04 | .09 | .08 | .07 | .06 | .06 |
| 51 | .07 | .06 | .04 | .04 | .04 | .09 | .08 | .08 | .07 | .07 |
| 52 | .08 | .06 | .05 | .04 | .04 | .10 | .09 | .08 | .08 | .08 |
| 53 | .08 | .07 | .05 | .05 | .05 | .11 | .10 | .09 | .09 | .08 |
| 54 | .09 | .07 | .06 | .05 | .05 | .12 | .11 | .10 | .09 | .09 |
| 55 | .10 | .08 | .06 | .05 | .05 | .12 | .12 | .11 | .10 | .10 |
| 56 | .11 | .08 | .07 | .06 | .06 | .13 | .13 | .12 | .11 | .11 |
| 57 | .11 | .09 | .07 | .06 | .06 | .15 | .14 | .13 | .12 | .12 |
| 58 | .12 | .10 | .08 | .07 | .07 | .16 | .15 | .14 | .13 | .13 |
| 59 | .14 | .11 | .09 | .08 | .07 | .17 | .16 | .15 | .15 | .15 |
| 60 | .15 | .12 | .09 | .08 | .08 | .18 | .17 | .16 | .16 | .16 |
| 61 | .16 | .13 | .10 | .09 | .09 | .20 | .19 | .18 | .17 | .17 |
| 62 | .17 | .14 | .11 | .10 | .09 | .21 | .20 | .19 | .19 | .19 |
| 63 | .19 | .15 | .13 | .11 | .10 | .23 | .22 | .21 | .20 | .20 |
| 64 | .20 | .17 | .14 | .12 | .11 | .24 | .23 | .22 | .22 | .22 |
| 65 | .20 | .16 | .13 | .12 | .11 | .37 | .35 | .33 | .33 | .33 |
| 66 | .22 | .18 | .15 | .13 | .12 | .40 | .38 | .36 | .36 | .36 |
| 67 | .24 | .20 | .16 | .14 | .13 | .43 | .41 | .39 | .39 | .39 |
| 68 | .27 | .22 | .18 | .15 | .15 | .47 | .44 | .42 | .42 | .42 |
| 69 | .29 | .24 | .20 | .17 | .16 | .51 | .47 | .45 | .45 | .45 |
| 70 | .32 | .27 | .22 | .19 | .18 | .55 | .51 | .49 | .48 | .48 |

# appendix e

DETAILED STATISTICAL TABLES

AGE DISTRIBUTION

Page

TABLE E-1. - AGE DISTRIBUTION OF SCIENCE & ENGINEERING MASTER'S GRADUATES 89

TABLE E-1. - AGE DISTRIBUTION OF SCIENCE & ENGINEERING MASTER'S GRADUATES

| | 1950'S % IN GROUP | | | | | | | | | | 1960'S % IN GROUP | | | | | | | | | | 1970'S % IN GROUP | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From Age | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| To Age | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 |
| ENGINEERING (ALL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 40 | 44 | 12 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 42 | 46 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 31 | 38 | 17 | 7 | 4 | 2 | 0 | 0 | 0 |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 42 | 36 | 10 | 5 | 3 | 3 | 1 | 0 | 0 |
| MECHANICAL ENGINEERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 31 | 39 | 15 | 9 | 5 | 1 | 0 | 0 | 0 |
| FEMALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 16 | 22 | 22 | 39 | 0 | 0 | 0 | 0 | 0 |
| MINING ENGINEERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 18 | 48 | 16 | 7 | 9 | 0 | 0 | 0 | 2 |
| FEMALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ELECTRICAL-ELECTRONIC ENGINEERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 33 | 39 | 16 | 5 | 4 | 1 | 0 | 0 | 0 |
| FEMALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 25 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CIVIL ENGINEERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 32 | 39 | 19 | 5 | 2 | 1 | 1 | 0 | 0 |
| FEMALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 34 | 23 | 14 | 6 | 10 | 10 | 3 | 0 | 0 |
| CHEMICAL ENGINEERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 34 | 44 | 15 | 1 | 4 | 2 | 0 | 0 | 0 |
| FEMALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 90 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER ENGINEERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 28 | 32 | 20 | 11 | 4 | 2 | 0 | 0 | 0 |
| FEMALE | | | | | ***** | | | | | | | | | | ***** | | | | | | 0 | 42 | 50 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| INTERDISCIPLINARY SCIENCES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 27 | 38 | 11 | 3 | 1 | 19 | 1 | 0 | 0 | 0 | 36 | 47 | 11 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 45 | 14 | 5 | 2 | 1 | 1 | 0 | 0 |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 29 | 38 | 12 | 7 | 5 | 3 | 2 | 1 | 0 |

***DATA INSUFFICIENT FOR THIS PERIOD, USE LATER PERIOD.
*****DATA NOT DISAGGREGATED AT THIS LEVEL

TABLE E-1. - AGE DISTRIBUTION OF SCIENCE & ENGINEERING MASTER'S GRADUATES - CON.

| | 1950'S % IN GROUP | | | | | | | | | | 1960'S % IN GROUP | | | | | | | | | | 1970'S % IN GROUP | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From Age | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 6 |
| To Age | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 6 |
| MATHEMATICS-STATISTICS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 45 | 31 | 13 | 9 | 1 | 0 | 0 | 0 | 0 | 1 | 49 | 39 | 8 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 41 | 42 | 10 | 3 | 2 | 2 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 47 | 37 | 9 | 4 | 5 | 0 | 2 | 0 | |
| COMPUTER & INFORMATION SCIENCES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 26 | 47 | 17 | 5 | 2 | 3 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 28 | 43 | 16 | 8 | 0 | 0 | 4 | 0 | |
| BIOLOGICAL & AGRICULTURAL SCIENCES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 27 | 52 | 15 | 4 | 1 | 0 | 1 | 1 | 0 | 0 | 28 | 54 | 14 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 25 | 53 | 16 | 2 | 2 | 1 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 33 | 49 | 11 | 4 | 2 | 0 | 0 | 0 | |
| AGRICULTURAL SCIENCES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 23 | 54 | 17 | 4 | 1 | 0 | 1 | 1 | 0 | 0 | 26 | 53 | 15 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 50 | 16 | 3 | 3 | 1 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 37 | 47 | 14 | 0 | 3 | 0 | 0 | 0 | |
| BIOLOGICAL SCIENCES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 31 | 51 | 13 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 29 | 54 | 13 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 56 | 15 | 3 | 1 | 0 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 28 | 50 | 8 | 7 | 0 | 0 | 0 | 0 | |
| PSYCHOLOGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 30 | 50 | 13 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 34 | 50 | 11 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 27 | 51 | 12 | 5 | 1 | 1 | 1 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 27 | 33 | 16 | 8 | 7 | 4 | 3 | 0 | |
| SOCIAL SCIENCES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 29 | 46 | 17 | 5 | 2 | 0 | 1 | 1 | 0 | 0 | 32 | 49 | 12 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 29 | 49 | 11 | 6 | 3 | 2 | 1 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 27 | 32 | 13 | 11 | 4 | 5 | 2 | 0 | |
| PHYSICS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 52 | 37 | 8 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 50 | 41 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 39 | 13 | 3 | 1 | 0 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 49 | 40 | 0 | 11 | 0 | 0 | 0 | 0 | |
| EARTH SCIENCES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 33 | 51 | 11 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 30 | 55 | 11 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 53 | 11 | 3 | 0 | 2 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 33 | 62 | 1 | 0 | 0 | 3 | 0 | 0 | |
| CHEMISTRY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | 0 | 45 | 44 | 8 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 40 | 49 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 49 | 6 | 3 | 0 | 0 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 29 | 50 | 7 | 6 | 5 | 0 | 0 | 2 | |
| OTHER PHYSICAL SCIENCES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 16 | 41 | 18 | 19 | 1 | 4 | 0 | 0 | |
| FEMALE | | | | | *** | | | | | | | | | | *** | | | | | | 0 | 22 | 56 | 15 | 8 | 0 | 0 | 0 | 0 | |

***DATA INSUFFICIENT FOR THIS PERIOD, USE LATER PERIOD.

# other science resources publications

## Science Resources Studies Highlights

| | NSF No. | Price |
|---|---|---|
| **R&D Funds** | | |
| "R&D Expenditures Increased 3% in Real Terms at Universities and Colleges in FY 1979" | 81-304 | — |
| "Federal Academic Science Support Rose by 13% in FY 1979" | 81-303 | — |
| "National R&D Spending Expected to Reach $67 Billion in 1981" | 80-310 | — |
| "March Cutbacks in Federal Budget Leaves Strong Defense R&D Growth in 1981 — Other Areas Lag" | 80-309 | — |
| "Greatest Increase in 1978 Industrial R&D Expenditures Provided by 14% Rise in Companies' Own Funds" | 80-300 | — |
| **S/E Personnel** | | |
| "Tenure Practices in Universities and 4-Year Colleges Affect Faculty Turnover" | 81-300 | — |
| "Academic Employment of Scientists and Engineers Increased 4% in Doctorate Institutions in 1979" | 80-309 | — |

## Detailed Statistical Tables

| | NSF No. | Price |
|---|---|---|
| **R&D Funds** | | |
| Academic Science: R&D Funds, Fiscal Year 1979 | 81-301 | — |
| Federal Funds for Research and Development, Fiscal Years 1979, 1980, and 1981, Volume XXIX | 80-318 | — |
| Research and Development in Industry, 1978. R&D Funds, 1978; Scientists and Engineers, January 1979 | 80-307 | — |
| **S/E Personnel** | | |
| Federal Scientific and Technical Personnel, 1976, 1977, and 1978 | 81-309 | — |
| Academic Science: Scientists and Engineers, January 1980 | 81-307 | — |
| Scientists and Engineers From Abroad, 1976-78 | 80-324 | — |
| Characteristics of Doctoral Scientists and Engineers in the United States, 1979 | 80-323 | — |
| Academic Science: Graduate Enrollment and Support, Fall 1979 | 80-321 | — |
| Employment of Scientists, Engineers, and Technicians in Manufacturing Industries, 1977 | 80-306 | — |
| Characteristics of Experienced Scientists and Engineers, 1978 | 79-322 | — |

## Reports

| | NSF No. | Price |
|---|---|---|
| **R&D Funds** | | |
| Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1979 | 81-308 | In press |
| Federal Funds for Research and Development, Fiscal Years 1979, 1980, and 1981, Volume XXIX | 81-306 | In press |
| **S/E Personnel** | | |
| Science and Engineering Employment, 1970-80 | 81-310 | In press |
| Employment Attributes of Recent Science and Engineering Graduates | 80-325 | $1.75 |
| Scientists, Engineers, and Technicians in Private Industry, 1978-80 | 80-320 | $2.00 |
| Occupational Mobility of Scientists and Engineers | 80-317 | $1.75 |
| Science and Engineering Personnel: A National Overview | 80-316 | $4.25 |
| Employment Patterns of Academic Scientists and Engineers, 1973-78 | 80-314 | $1.75 |
| **Composite** | | |
| National Patterns of Science and Technology Resources, 1981 | 81-311 | In press |
| Academic Science, 1972-77: R&D Funds, Scientists and Engineers, and Graduate Enrollment and Support | 80-313 | $4.25 |